

On Feb. 25, 1963 verbal approval to drill P. America's
 Perennial Bond Unit # 4 (Woods # 196012) in Sec. 2, T9S, R19E,
 Hantel County, was given to Mr. Matt Hantel. This is a development
 well and it is proposed to test the Green River C.F.D. of 5100 ft.
 400 ft of 8-8" surface casing will be set, and if production is found,
 5-100 ft of 5-1/2" production casing will be set. Mr. Hantel will
 send in the prescribed forms as soon as possible. This is
 within a Unit and has also been approved by the U.S. & S.
 There is a bond on assistance and a designation of agent
 has been made. *PMB*

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<i>PMB</i>
Copy NID to Field Office	<input checked="" type="checkbox"/>
Approval Letter	<i>See Unit</i>
Disapproval Letter	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed	<i>4/28/63</i>
OW <input checked="" type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>	Location Inspected
GW <input type="checkbox"/> OS <input type="checkbox"/> PA <input type="checkbox"/>	Bond released
	State of Fee Land
Driller's Log <i>8/5/63</i>	LOGS FILED
Electric Logs (No.) <i>3</i>	
E <input type="checkbox"/> I <input type="checkbox"/> E-I <input checked="" type="checkbox"/> GR <input checked="" type="checkbox"/> GR-N <input type="checkbox"/> Micro <input type="checkbox"/>	
Lat. <input type="checkbox"/> Mi-L <input type="checkbox"/> Sonic <input checked="" type="checkbox"/> Others <input type="checkbox"/>	

(SUBMIT IN TRIPLICATE)

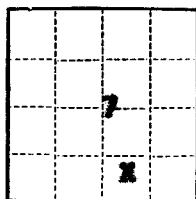
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City

Lease No. _____

Unit Pariette Bench



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Pariette Bench Unit February 26, 1963

Well No. 4 is located 660 ft. from NE line and 1200 ft. from E line of sec. 7

SW NE Sec. 7 9S 19E
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Pariette Bench Utah Utah
(Field) (County or Subdivision) (State or Territory)
Development Well

The elevation of the derrick floor above sea level is 4750 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Proposed TD 5150'. Objective Green River "T" Sands.
Casing program 400' 8-5/8" & 5100' 5 1/2" casing.
Special Surveys:
Induction electric log surface casing to TD
General radiation & sonic log, surface casing to TD.
Deviation every 400' or as required.
2 DST's in Green River.
Coring program - 50' Green River "T" Sands
Completion Program - 5 1/2" casing set through pay zones. Well will be perforated or notched and stimulated if necessary on basis of logs and cores.
Confirming verbal approval Harsted to Hessel 2-25-63 and Churchill to Hessel 2-25-63.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pan American Petroleum Corporation

Address P. O. Box 1031
Kimball, Nebraska

By ORIGINAL SIGNED
BY G. A. WILSON

Title Area Superintendent

July 9, 1963

Pan American Petroleum Corporation
P. O. Box 1031
Kimball, Nebraska

Attention: G. A. Wilson, Area Supt.

Re: Well No. Pariette Bench Unit #4
Sec. 7, T. 9 S, R. 19 E.,
Uintah County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330 may be used in lieu of our forms.

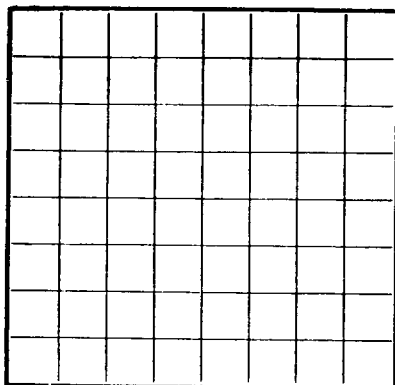
Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Encl. (Forms)



LOCATE WELL CORRECTLY

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Pan American Petroleum Address Box 1400, Riverton, Wyoming
 Lease or Tract Pariette Bench Unit Field Pariette Bench State Utah
 Well No. 4 Sec. 7 T. 9S R. 19E Meridian _____ County Uintah
 Location 660 ft. N. of S. Line and 1980 ft. W. of E. Line of Sec. 7 Elevation 4769'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date 8/1/63 Signed [Signature] Title Area Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 3/3, 19 63 Finished drilling 3/29, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From--	To--	
8-5/8	24#	8 RT	H-40	395	Float				
5-1/2	14 & 155#	8 RT	J-55	5135	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	404	250 sx	Circulating		
5-1/2	5119	150 sx	"		

Heaving plug—Material Length Depth set
 Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5150 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

Date P & A, 19..... Put to producing 4/28 1963

The production for the first 24 hours was 166 barrels of fluid of which 99.4% was oil;%
 emulsion; 1.6% water; and% sediment. Gravity, °Bé. 29

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

P. Sharp, Driller N.N. Spruell, Driller
 Louis Primmer, Driller Ward Mulford, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
1210	4392	1182	Green River
4392	4730	338	"S" Sand
4730	5150	420	"T" Sand

[OVER]



OIL & GAS CONSERVATION BOARD

DELBERT M. DRAPER JR.
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CHARLES R. HENDERSON
GUY N. CARDON
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CHIEF PETROLEUM ENGINEER

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

March 17, 1969

Diamond Shamrock Corporation
P.O. Box 631
Amarillo, Texas 79105

Re: Well No's. Pariette Bench Unit
#2, and #4, Sec. 7, T. 9 S,
R. 19 E, Uintah County, Utah

Gentlemen:

It has come to the attention of this office that your company has acquired the above referred to wells.

In order to keep our records accurate and complete, it would be appreciated if you could forward a letter indicating that you have taken over operations.

Thank you for your cooperation with regard to this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

Scherree DeRose
SCHEREE DeROSE
SECRETARY

sd

WELL DATA - PARIETTE BENCH UNIT

	<u>Well No. 3</u>	<u>Well No. 4</u>
Location	SW NW Sec. 7- T9S - R19E	SW SE Sec. 7- T9S - R19E
Date Spudded	August 5, 1962	March 3, 1963
Completion Date	September 5, 1962	April 28, 1963
Producing Zone	---	Green River
Top Pay Section	---	4748'
Initial Potential	---	164 BOPD, 2 BWPD
Total Depth	5950'	5150'
PBTD	----	5046'
Perforations	----	4916-4920, 4851-4864 w/4 jets per foot
Bottom Hole Formation	Wasatch	Wasatch
Present Status	Plugged and Abandoned	Pumping



Diamond Shamrock Oil and Gas Company

A Unit of Diamond Shamrock Corporation

FIRST NATIONAL BANK BUILDING, POST OFFICE BOX 631, AMARILLO, TEXAS 79105

March 19, 1969

State of Utah
Department of Natural Resources
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: Pariette Bench Unit Wells Nos. 2 and 4
Section 7, Township 9 South, Range 19 East,
Uintah County, Utah

Gentlemen:

In reply to your letter of March 17, 1969, regarding the above named wells.

Diamond Shamrock Corporation purchased and assumed operation of these wells effective February 1, 1969.

Thank you for calling our attention to this matter. We will be happy to supply you with any additional information you may desire.

Yours very truly,

W. H. Longstreth
Production Department

PARIETTE BENCH UNIT NO. 4
Pariette Bench Field
Uintah County, Utah



DIVISION LABORATORY
Box 2400 Casper, Wyoming 82602

Date November 12, 1977

To Mr. Stan Dudley

Report No 13810

Diamond Shamrock Corporation

Casper, Wyoming

Submitted By Mr. Dudley

Date Received November 14, 1977

Well No. 4 Pariette Bench

Location _____ Formation _____

Specific Gravity 1.036

pH 7.2

Iron (FE) N11

MILLIGRAMS PER LITER

Potassium (K) 93

Sodium (Na) 13,000

Calcium (CA) 634

Magnesium (MG) 216

Chlorides (Cl) 15,435

Sulfates (SO⁴) 7,875

Carbonates (CO³) N11

Bicarbonates (HCO³) 946

Total Dissolved Solids -

R_w 0.27

Ohms/m²/mat 70 °F

Remarks: R_w = 0.16 at 121°F

Respectfully submitted,

HALLIBURTON SERVICES

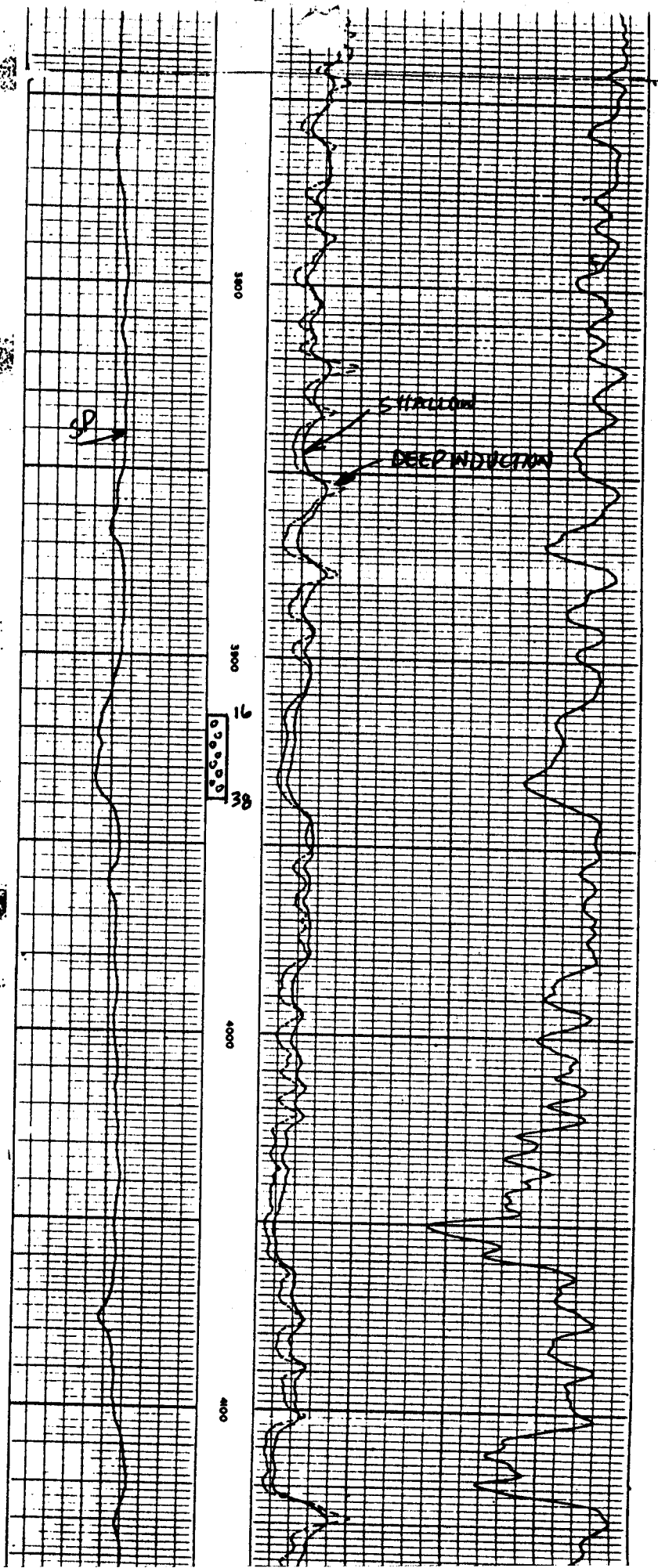
cc Mr. W. P. Renner

By Francis C. Hall

NOTICE:

This report is for information only and the content is limited to the sample described. Halliburton makes no warranties, express or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage, regardless of cause, resulting from the use hereof.

PARIETTE BENCH #4
INDUCTION LOG



DARLIEB
Bench

No 4

FORMATION
DENSITY

GAMMA
RAY

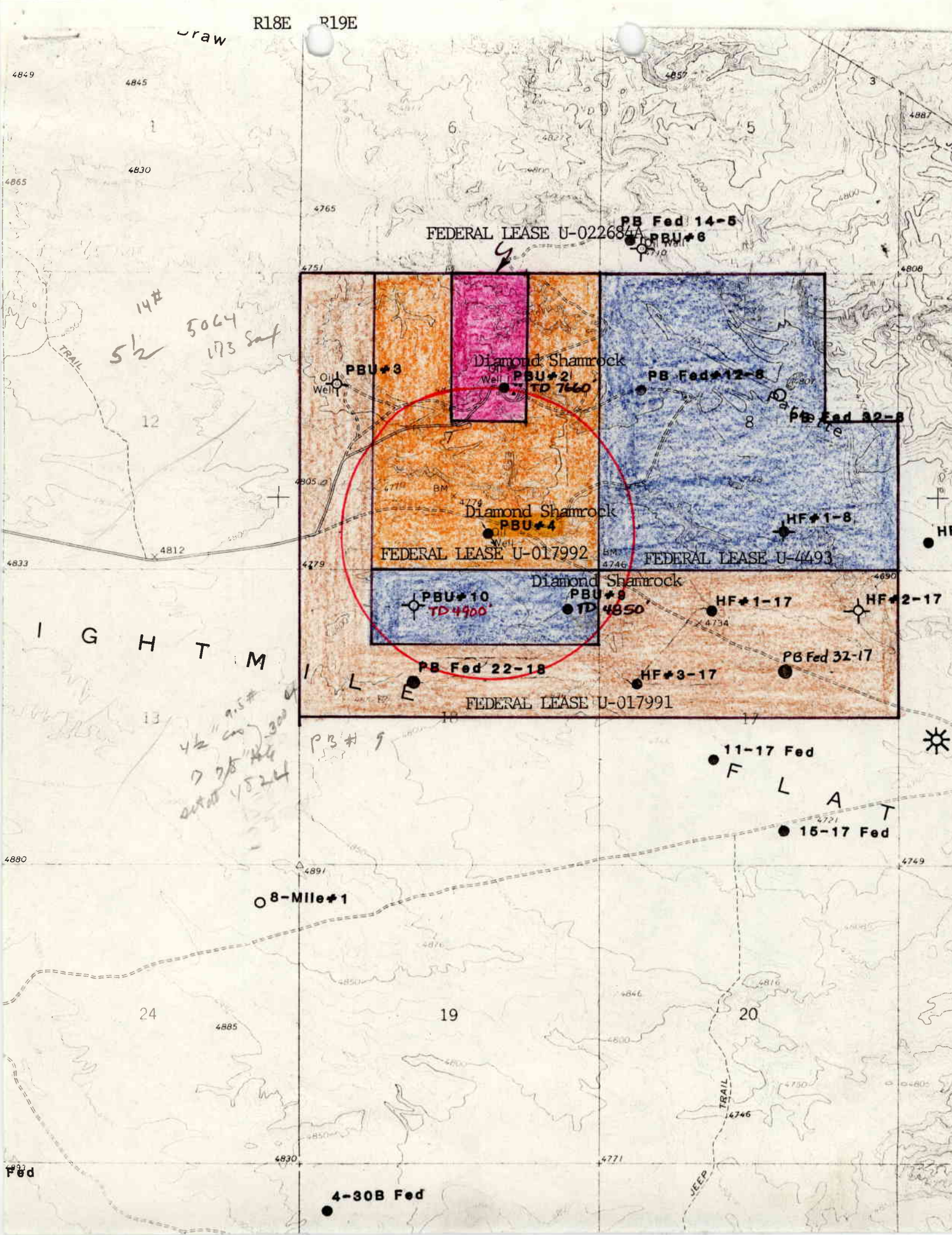
3900

3916

Recom perf for
WATER injection

3938

Draw



FEDERAL LEASE U-022684A

PB Fed 14-5

PBU #6

PBU #3

Diamond Shamrock

PBU #2

TD 7660

PB Fed #12-8

PB Fed 32-8

Diamond Shamrock

PBU #4

FEDERAL LEASE U-017992

FEDERAL LEASE U-4493

PBU #10

TD 4900

Diamond Shamrock

PBU #9

TD 4850

HF #1-17

HF #2-17

PB Fed 22-18

FEDERAL LEASE U-017991

HF #3-17

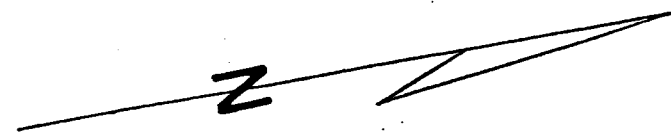
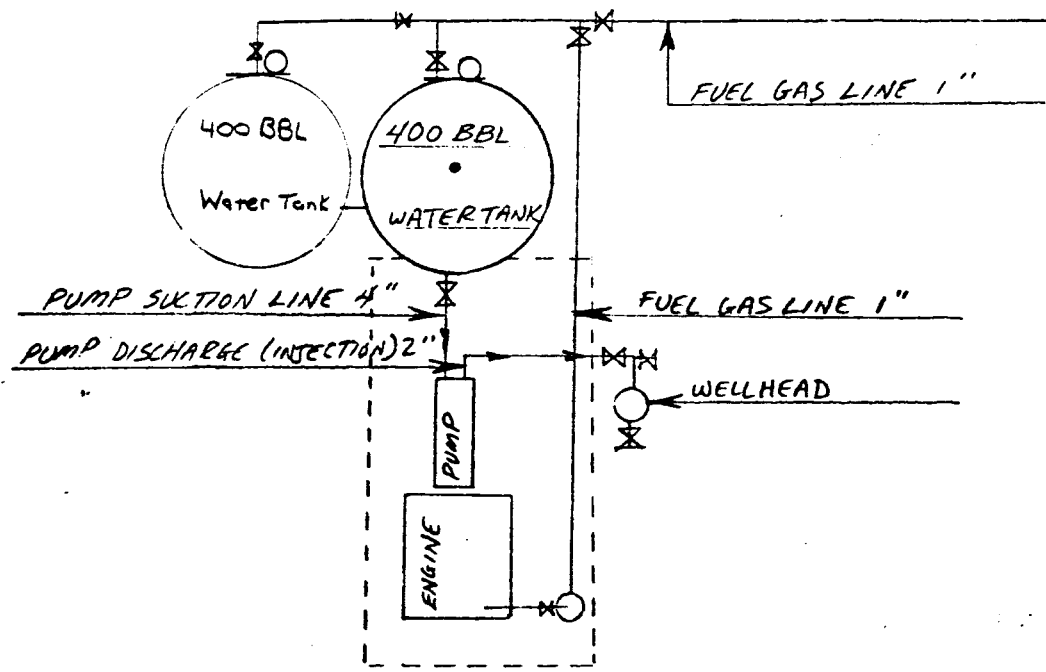
PB Fed 32-17

11-17 Fed

15-17 Fed

8-Mile #1

4-30B Fed






-  Back Pressure Valve
-  Control Valve
-  Check Valve

DIAGRAM NOT TO SCALE

WELL NAME: PARIETTE BENCH #4

LEASE #: USA-U-17992

LOCATION: Center of SW/SE Quarter

SECTION, TWP & RGE: SECTION 7, T9S, R19E

COUNTY, STATE: UINTAH COUNTY, UTAH



Diamond Shamrock

James L. Gallagher
Engineering Supervisor

Petroleum Engineering Department

November 28, 1977

Mr. Patrick L. Driscoll
Chief Petroleum Engineer
Division of Oil, Gas and Mining
1588 West, North Temple
Salt Lake City, Utah 84116

Re: Pariette Bench Unit No. 4 ← *File*
Pariette Bench Field
Uintah County, Utah

Dear Pat,

I have passed on to our operating department your request for installing pressure gauges on the annulus of the Pariette Bench Unit No. 4 and the immediate offsetting producing wells. These will be installed and monitored on a routine basis.

I have reviewed the well records for the offsetting producing wells. The Hendel Federal No. 3-17 has cement back to 2045 feet as determined by a cement bond log. Pariette Bench Unit No. 2 and No. 9 are probably uncemented across the zone of injection. Based on the volume of cement used, both wells should be cemented back to the 3800-4000 foot range.

At the rates we anticipate injecting, it will take more than four years to raise the average reservoir pressure within one half mile of the Pariette Bench by 600 psi, one half the maximum limit. Due to the radial flow nature of the system, it is likely that only minimal pressure increases will be noted at the offset producing wells.

I have asked our Production Department to obtain additional produced water samples and to have them analyzed. I will send the analyses as soon as they are available.

Very truly yours,

James L. Gallagher
James L. Gallagher

jb

INJECTION OPERATION

FOR THE

PARIETTE BENCH #4

Maximum injection pressure = 1000 psi on tubing. This is controlled by a MUPHY-MATIC kill switch connected to the prime mover, and a maximum pressure rating on the duplex pump.

Maximum Injection rate = 10 gallons/minute

Normal Injection rate = 8 bbls/hour = 6 gallons/minute

Normal Fracture gradient for this area = 0.7 to 1.0 psi/ft.

Surface pressure needed to fracture rock in injection zone = 2750-3800 psi.

Geologic description of injection zone = fine-grained, water-bearing sandstone in the Green River Formation.

Injection fluid source = Green River Formation oil-bearing sands
approximate zone depth = 4400'

Wells producing injected water = Hendel Federal #1-17
Hendel Federal #3-17
Pariette Bench Federal #9
Pariette Bench Federal #12-8
Pariette Bench Federal #14-5

Water analysis of injected water is enclosed

There are no known sources of underground drinking water in this area.

All mechanical failures of equipment possibly causing migration of polluting fluids into any underground sources of drinking water will be repaired immediately upon their detection.

This well will be tested for mechanical integrity every 5 years by pressure testing the tubing-casing annulus at 1000 psi for 15 minutes with a State of Utah representative accompanied by a Diamond Shamrock employee.

PAN AMERICAN PETROLEUM CORPORATION
WELL STATUS AND PRODUCTION REPORT

FIELD: **PARIETTE BENCH**
LEASE: **PARIETTE BENCH UNIT**
COUNTY: **UINTAH** STATE: **UTAH**
FOR MONTH OF: **SEPTEMBER 1969**

TOTAL SALES FOR MONTH

NONE BBLs. OIL

NONE MCF GAS

ACCT. DEPT. USE
PAGE 1 42-719
G2 U1
FLO 716 10 GC

TYPE LEASE		GOVERNMENT LEASE NUMBER	WELL NO.	POOL	LOCATION				WELL TEST DATA (DAILY RATE)										CURRENT MONTH PRODUCTION			CUMULATIVE PRODUCTION						
					QTR. QTR.	SEC.	TWP.	RNG.	TEST DATE MO. DAY	OIL BBLs.	WATER BBLs.	% WTR	GAS MCF	GAS/OIL RATIO	LS OR TPF	SPM OR CKE	GRAVITY OIL OR GAS	STATUS	DAYS OPER.	OIL BARRELS	WATER BARRELS	GAS MCF	OIL BARRELS	WATER BARRELS	GAS MCF			
G	U	022684A	2	GR	SWNE	7	9S	19E	1	8	21						5417	2902330						85986	7476	146184		
G	U	017992	4GR	SWSE	7	9S	19E										29044							42100	1810	35367		
										LEASE TOTAL										128086			9286			183551		
										30-DAY DAILY AVERAGE																		
										FIELD TOTAL										128086			9286			183551		
										30-DAY DAILY AVERAGE																		

WELL
STATUS

11. FLOWING OIL WELL
12. FLOWING GAS WELL
21. DOWNHOLE ELECTRIC PUMP
22. ROD PUMP - ELECTRIC MOTOR
23. ROD PUMP - GAS ENGINE
24. DOWNHOLE HYDRAULIC PUMP
25. GAS LIFT
31. GAS INJECTION WELL
32. WATER INJECTION WELL
33. WATER SOURCE WELL
34. WATER DISPOSAL WELL
41. SHUT-IN LACK OF MARKET
42. SHUT-IN HIGH GAS-OIL RATIO
43. SHUT-IN HIGH WATER-OIL RATIO
44. SHUT-IN OTHER
51. INACTIVE GAS INJECTION WELL
52. INACTIVE WATER INJECTION WELL
53. INACTIVE WATER SOURCE WELL
54. INACTIVE WATER DISPOSAL WELL
61. TEMPORARILY ABANDONED (EX-PRODUCING WELL)
62. TEMPORARILY ABANDONED (EX-PRODUCING ZONE)
63. TEMPORARILY ABANDONED (DRY HOLE)
64. TEMPORARILY ABANDONED (DRY ZONE)
71. PERMANENTLY ABANDONED ZONE
72. PERMANENTLY ABANDONED WELL
81. DRILLING
82. INCOMPLETE WELL - TESTING
83. ACTIVE RECOMPLETION
84. ACTIVE WORKOVER
91. FACILITY WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)cc STAN
8/25/78Form approved.
Budget Bureau No. 42-R1421.
5. LEASE DESIGNATION AND SERIAL NO.

USA-U-17992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pariette Bench

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Mountain Butte

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 7, T9S, R19E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Salt Water Disposal Well	
2. NAME OF OPERATOR Diamond Shamrock Corporation (Pan American Petroleum)	
3. ADDRESS OF OPERATOR P. O. Box 631 Amarillo, Texas 79173	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW SE Section 7, Township 9S, Range 19E Uintah County, Utah	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4758 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

10/24/77 - Moved in, rigged up, pulled out of hole with tubing and packer.
10/25/77 - Ran casing scraper to TD
10/26/77 - Trip in hole with tubing and squeeze retainer, set retainer at 4244', pumped in water pad at 1 BPM, pumped 200 sxs cement at 1 BPM, max. pressure 2600 psi, pulled out of retainer and circulated hole clean, pulled out of hole.
10/27/77 - Tripped in hole with tubing and packer - tested retainer to 1700#, press held OK, set packer at 3707', pumped 100 barrels water at 3 1/2 BPM at 1,000#, pumped 100 sxs cement, SD 1 hour, pumped 100 sxs, pressure increased to 2100 psi at 1/2 BPM, pressure would hold at 1750 psi, reversed hole clean, pulled out of hole.
10/28/77 - Tripped in hole with bit, drilled cement at 3949' drilled out 84' of cement, fell thru to retainer, pressure tested casing to 1200 psi.
10/29/77 - Ran cement bond log, 95% bond from 3350' to 4220', ran 2 3/8" tubing and packer, set Baker Model AD packer at 3822'.
10/30/77 - Perforated (3916-3938) with 2 holes per foot.
10/31/77 - Acidized with 3000 gallons 7 1/2% HCL. Average rate 2.5 BPM, average pressure 1750#, initial shut down pressure 1300, 5 minutes after shut down 1200#, 10 minutes after shut down 1200#, 15 minutes after shut down 1100#.
11/01/77 - Swabbed 40 bbl
11/02/77 - Kicked off flowing. 2 gallons per minute water.
11/03/77 - Water sample ph 6 total dissolved solids 17937, well flows 25 BWPD, shut in pt 10 to 15#, rework complete as salt water disposal.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Division Production Superintendent 11/16/77

DATE

*This space for Federal or State office use)

APPROVED BY
CONDITIONS

APPROVAL, IF ANY:

TITLE

DATE

AUG 21 1978

AUG 22 1978

*Work performed w/o prior Approval

*See Instructions on Reverse Side

memo

H₂O Disposal

PPM

7-25A

7-25B

1-26A

~~4-30B~~

6-30B

This is info on
 Shamrock WDW
 @ Parrella Bench

They have given us
 Approval to dispose into it,
 but it's for repairs.
 We should check our TDS
 on our wells to make sure
 they are less than 17,937

- 10/26/77 - Trip in hole with casing and squeeze retainer, set retainer at 4244', pumped in water pad at 1 BPM, pumped 200 sacks cement at 1 BPM, max. pressure 2600 psi, pulled out of retainer and circulated hole clean, pulled out of hole.
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- 11/01/77 - Swabbed 40 bbl.
- 11/02/77 - Kicked off flowing. 2 gallons per minute water.
- 11/03/77 - Water sample ph 6 total dissolved solids 17937, well flows 25 BWPD, shut in pt 10 to 150, rework complete as salt water disposal.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Division Production Superintendent 11/16/77

DATE AUG 21 1978

APPROVED BY

TITLE

DATE AUG 22 1978

*Work performed w/o prior Approval

*See Instructions on Reverse Side

5
 INTERIOR
 SURVEY

PORTS ON WELLS

Have your data to a different record, (for well proposals)

Spusal Well

173

19E

GL

Indicate Nature of Notice, Report, or Other Data

SUBSEQUENT REPORT OF:			
WATER SHUT-OFF		REPAIRING WELL	
FRACING TREATMENT		ALTERING Casing	
SHUTTING BY ACTIVATION		AMENDING REPORT	
Completion - SWD			
(Note: Report results of multiple completion or Well Completion or Remediation Report with Log form.)			
In all technical details, and give technical data, including estimated date of starting any operations, location and performed and true vertical depth for all meters and other tools.			

ed out of hole with tubing and packer.



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

CLEON B. FEIGHT
Director

TO: All Water Disposal Well
Operators

DATE: September 30, 1980

FROM: CLEON B. FEIGHT

SUBJECT: Waste Water Disposal
Well's

A recent survey of the WDW'S in the Uintah Basin was made and the following apparent deficiencies were noted:

(1) If a high-low pressure shut-off switch was installed, in most instances the high shut-off was far above the formation break-down pressure. Also, on many wells, a pressure chart or gauge for injection pressure had not been installed.

(At this point we'd like to remind all operators that one of the conditions for the utilization of WDW'S was the selection of 0.5/lb. square inch/ft. of depth as the overall formation fracture gradient).

(2) In numerous cases we were unable to determine the presence of a recording device or meter for daily volume injected. (This Division does not at this time specify the type of recording device to be utilized, however, in the case of continued absence of any recorder, it shall and will be the prerogative of the Division to shut the WDW in until such time a working recording device is installed).

(3) Housekeeping in many areas is totally inadequate, and results in unnecessary pollution.

(4) Well identification signs were missing on several locations.

This Division would appreciate if all operators would take immediate steps to put these wells in proper operating order no later than October 30, 1980.


Due to the recent adoption of Rules & Regulations for underground injection of produced water, as well as secondary recovery, etc. by the EPA, a representative from said agency will accompany a member of this Division on our November inspection.

Memo
September 30, 1980
Page Two

So at this time we ask and hope that these wells be in First Class condition.

THANK YOU

DIVISION OF OIL, GAS AND MINING


CLEON B. FEIGHT
DIRECTOR

CBF/bjh

171-1

Casing and Cementing Record
PARIETTE BENCH UNIT NO. 4
Pariette Bench Field
Uintah County, Utah

SURFACE CASING:

Drilled 12 $\frac{1}{4}$ " Hole to 408 ft.
Set 8 5/8", 24#, H-40 at 404 ft.
Cemented with 250 sacks with 2 $\frac{1}{2}$ %
CaCl added.
Circulated cement to surface

PRODUCTION CASING:

Drilled 7 7/8" Hole to 5150 ft.
Set 5 1/2' Casing at 5119 ft.
Detail Surface to 63 ft. 15.5# J-55
63 ft. to 4494 ft. 14.0# J-55
4494 ft. to 5119 ft. 15.5# J-55
Cemented with 150 sacks 50-50 pozmix
with 2% gel added. Good returns while
cementing.
Perforated Green River "T" Sand 4851-63 and
4916-20
Found top of cement at 4240 with cement
bond log.
Perforated Green River "S" Sand 4474-75.
Tested non-productive. Squeezed with
75 sacks with 3/4% halad -9 added. Displaced
60 sacks thru perfs. Drilled out and
tested squeeze to 1000 PSI.

REMEDIAL WORK:

Well went to 100% water in Oct. 1968
Set production tubing on packer at 4497
and oil production returned to normal
indicating leak in 5 $\frac{1}{2}$ " casing above
4497 ft.

Prepared well for water disposal service in
Oct. 1977.
Squeezed w/200 sacks with retainer at 4244
Tested squeeze to 1700 PSI.
Squeezed to 2100 PSI w/200 sacks with packer at
3707.
Drilled out cement 3949-4033. Tested squeeze
to 1200 PSI.
Good Bond 3350-4220 From Bond Log
Set packer at 3822. Perf. 3916-38 w/2JPF
Acidized with 300 gal 7 $\frac{1}{2}$ %.

12 1/4" Hole
8 5/8" Casing
5 1/2" Casing
2 3/8" Tubing

404'

VERTICAL SCALE
1/2" = 100'

500'

3000'

7 7/8" Hole
5 1/2" Casing
2 3/8" Tubing

3350' TOP OF NEW CEMENT

TOP OF GREEN RIVER "B" 3660'

PACKER AT 3822'

3916'-38' GREEN RIVER "B" PROPOSED ZONE OF INJECTION

CEMENT RETAINER AT 4244'

4220' BASE OF NEW CEMENT
4240' TOP OF OLD CEMENT

TOP OF GREEN RIVER "S" 4392'

4474'-75' GREEN RIVER "S" TEST PERFORATION SQUEEZED WITH 75 SACKS

TOP OF GREEN RIVER "T" 4730'

4851'-64' GREEN RIVER "T" PRODUCING ZONE

4916'-20' PERFORATIONS

OLD PLUGBACK DEPTH 5046'
5 1/2" Casing at 5119'
TOTAL DEPTH 5150'

EXHIBIT D
Pariette Bench Unit No. 4
Pariette Bench Field
UINTAH CO. UTAH

171-1

WELLBORE SCHEMATIC: Pariette Bench #4 SWD

Jeff Ronk 10/1/83

8 5/8" Surface casing set at 407'

2 3/8" tubing

annulus full of water

Baker Model "AD" packer set @ 3822'

GREEN RIVER FORMATION WATER ZONE

Perforations 3916-3938' shot at 2 shots/foot

Cement retainer set at 4244'

5 1/2" casing set @ 5108'

Driller's TD 5150'



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 5, 1982

Diamond Shamrock Corporation
P.O. Box 631
Amarillo, Texas 79173

RE: Pariette Bench #4
Sec. 7, T 9 S, R 19 E
Uintah County, Utah

Gentlemen:

Enclosed you will find form UIC-5. Please complete and return it to this office for our files.

Also, the Division would appreciate a sundry notice on any work that has been performed on the well pursuant to commencement of injection.

Sincerely,

Maren Nelson

MAREN NELSON
ADMINISTRATIVE AIDE

Enclosure



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

January 24, 1983

Diamond Shamrock Oil & Gas Co.
Drawer E
Vernal, Utah 84078

RE: Pariette Ranch #4
Salt Water Disposal Well
Sec. 7, T 9 S, R 19 E
Uintah County, Utah

Gentlemen:

It has come to our attention that injection operations have recently recommenced at the above referenced well. Due to operating requirements imposed on injection well operators by the new Underground Injection Control regulations via the EPA and Federal Safe Drinking Water Act, injection wells must be pressure tested or monitored to demonstrate mechanical integrity. This well should either be setup so monthly monitoring of the tubing-casing annulus pressure can begin immediately, or a pressure test performed in accordance with the rule I-6.

If you have any questions, please call.

Sincerely,

DIVISION OF OIL, GAS AND MINING

GILBERT L. HUNT
UIC GEOLOGIST

GLH/mn

Enclosure

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED
JAN 27 1983

RULE I-7 (d & e)

DIVISION OF
OIL GAS & MINING

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/Termination 11-16-77 (Initial)
12/6/82 (Current)

Disposal Well ☒

Enhanced Recovery Injection Well ☐

Enhanced Recovery Project ☐

Well Name PARIETTE BENCH UNIT #4

Location: Section 7 Twp. 9S Rng. 19E, County Uintah

Order No. authorizing Injection _____ Date _____

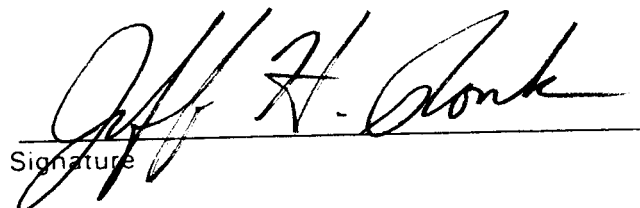
Zone into Which Fluid Injected Green River Formation (3916' to 3938')

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator DIAMOND SHAMROCK CORPORATION

Address DRAWER "E", VERNAL, UTAH 84078


Signature

1-26-83

Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

Form UIC 10
August, 1982

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

WELL INTEGRITY REPORT

Date 2/2/83

Water Disposal Well ☒ Enhanced Recovery Well ☐ Other ☐

DOGM/UIC Cause Number _____

Company Diamond Shamrock

Address _____

City and State Vernal, Utah Zip Code _____

Lease Name or Number _____ Well Name or Number Pariette Bench #4

API Well Number _____ Location _____ 1/4 of _____ 1/4 of _____

Section 7 Township 9S Range 19E County Uintah

Present at Completion: _____ Yes ☒ No

Casing Tested in My Presence: ☒ Yes _____ No Pressure 1000 PSI 15 Minutes

Packer Tested in My Presence: ☒ Yes _____ No Pressure 1000 PSI 15 Minutes

Surface-Prod. Csg. Annulus 100 PSI Prod. Csg.-Tubing Annulus 1000 PSI

Disposed/Injected Water Sample Taken:
_____ Yes ☒ No (Attach water analysis when obtained)

This well seems to be completed in accordance with DOGM Rule I:
Yes ☒ No _____. If NO, write report.

Remarks: Valve on wellhead was frozen over couldn't check for surge, told company hand to dig out collar in spring and we would check valves then.

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator Diamond Shamrock

Don Berner Production Engineer
(Signature) (Title)

R.J.F.
DOGM Field Inspector

Berkaz AD
3822'
3916-3930' 2 slots
23/8 tubing

* * * * *

New Well Conversion ☒ Disposal Well ☒ Enhanced Recovery Well

Comments: 95% paid from 3350 to 4220 CTA

Perforations 3916-3938 Greenish

Reviewed by: 

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Diamond Shamrock Well No. Parlette Bench #4

County: Ventura T 9S R 19E Sec. 7 API#

New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<u> </u>	<u> </u> ✓
Plat including Surface Owners, Leaseholders, and wells of available record	<u> </u> ✓	<u> </u>
Schematic Diagram	<u> </u> ✓	<u> </u>
Fracture Information	<u> </u> ✓	<u> </u>
Pressure and Rate Control	<u> </u> ✓	<u> </u>
Adequate Geologic Information	<u> </u> ✓	<u> </u>
Fluid Source	<u> </u>	<u> </u> <u>Greensand</u>

Analysis of Injection Fluid	Yes <u> </u> ✓	No <u> </u>	TDS <u>60,346</u> <u>AY9</u>
Analysis of Water in Formation to be injected into	Yes <u> </u> ✓	No <u> </u>	TDS <u>17,937</u>

Known USDW in area MAN Depth

Number of wells in area of review 3 Prod. 2 P&A 1

Water 0 Inj. 0

Aquifer Exemption Yes NA ✓

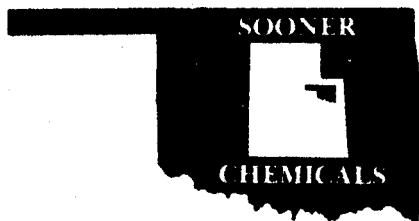
Mechanical Integrity Test Yes ✓ No

Date 2-2-83 Type 1000 PSI - 15min
CTA

Comments: 95% sand from 3350 to 4220

Perforations 3916-3938 Greensand

Reviewed by: ABJ



SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000
P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765
P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

COMPANY Diamond Shamrock ADDRESS Vernal, Utah DATE: 2-24-83

SOURCE Hendel Federal # 1-17 DATE SAMPLED 2-14-83 ANALYSIS NO. 867

	Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>8.4</u>		
2. H ₂ S (Qualitative)			
3. Specific Gravity	<u>1.0400</u>		
4. Dissolved Solids		<u>70,000</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			
7. Methyl Orange Alkalinity (CaCO ₃)		<u>9,600</u>	
8. Bicarbonate (HCO ₃)	HCO ₃	<u>11,712</u>	<u>÷61</u> <u>192</u> HCO ₃
9. Chlorides (Cl)	Cl	<u>28,320</u>	<u>÷35.5</u> <u>798</u> Cl
10. Sulfates (SO ₄)	SO ₄	<u>22,500</u>	<u>÷48</u> <u>469</u> SO ₄
11. Calcium (Ca)	Ca	<u>24</u>	<u>÷20</u> <u>1</u> Ca
12. Magnesium (Mg)	Mg	<u>7</u>	<u>÷12.2</u> <u>1</u> Mg
13. Total Hardness (CaCO ₃)		<u>90</u>	
14. Total Iron (Fe)		<u>0.6</u>	
15. Barium (Qualitative)		<u>0</u>	
16. Phosphate Residuals			

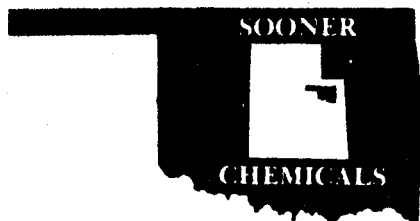
*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equlv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>1</u>		<u>81</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		<u>1</u>		<u>73</u>
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>190</u>		<u>15,960</u>
Na ₂ SO ₄	71.03		<u>469</u>		<u>33,313</u>
Na Cl	58.46		<u>798</u>		<u>46,651</u>

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____



SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000
P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765
P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

COMPANY Diamond Shamrock ADDRESS Vernal, Utah DATE: 2-28-83
SOURCE Hendel Federal # 3-17 DATE SAMPLED _____ ANALYSIS NO. 870

Analysis

Mg/l (ppm)

*Meq/l

1. PH	<u>7.6</u>		
2. H ₂ S (Qualitative)			
3. Specific Gravity	<u>1.0725</u>		
4. Dissolved Solids		<u>115,000</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		<u>1,250</u>	
8. Bicarbonate (HCO ₃)		HCO ₃ <u>1,525</u>	÷61 <u>25</u> HCO ₃
9. Chlorides (Cl)		Cl <u>54,162</u>	÷35.5 <u>1,526</u> Cl
10. Sulfates (SO ₄)		SO ₄ <u>13,800</u>	÷48 <u>288</u> SO ₄
11. Calcium (Ca)		Ca <u>1,020</u>	÷20 <u>51</u> Ca
12. Magnesium (Mg)		Mg <u>109</u>	÷12.2 <u>9</u> Mg
13. Total Hardness (CaCO ₃)		<u>3,000</u>	
14. Total Iron (Fe)			
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

51	Ca	←	HCO ₃	25
9	Mg	→	SO ₄	288
1,779	Na	→	Cl	1,526

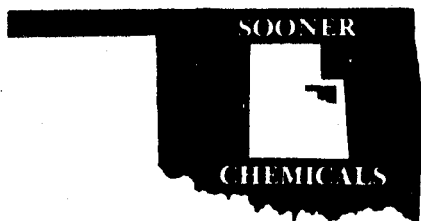
Saturation Values

Distilled Water 20°C

Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>25</u>		<u>2,026</u>
Ca SO ₄	68.07		<u>26</u>		<u>1,770</u>
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19		<u>9</u>		<u>542</u>
Mg Cl ₂	47.62				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03		<u>253</u>		<u>17,971</u>
Na Cl	58.46		<u>1,526</u>		<u>89,210</u>

REMARKS Resistivity= 0.105 Ohm Meters



SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000
P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765
P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

COMPANY Diamond Shamrock ADDRESS Verfmal, Utah DATE: 2-28-83
SOURCE Pariette Bench # 9 DATE SAMPLED _____ ANALYSIS NO. 868

Analysis

Mg/l (ppm)

*Meq/l

1. PH	<u>7.42</u>		
2. H ₂ S (Qualitative)	<u>±</u>		
3. Specific Gravity	<u>1.0675</u>		
4. Dissolved Solids		<u>72,000</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		<u>130</u>	
8. Bicarbonate (HCO ₃)		<u>159</u>	<u>÷61</u> <u>3</u> HCO ₃
9. Chlorides (Cl)		<u>51,684</u>	<u>÷35.5</u> <u>1,456</u> Cl
10. Sulfates (SO ₄)		<u>8,250</u>	<u>÷48</u> <u>172</u> SO ₄
11. Calcium (Ca)		<u>1,140</u>	<u>÷20</u> <u>57</u> Ca
12. Magnesium (Mg)		<u>328</u>	<u>÷12.2</u> <u>27</u> Mg
13. Total Hardness (CaCO ₃)		<u>4,200</u>	
14. Total Iron (Fe)			
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>3</u>		<u>243</u>
Ca SO ₄	68.07		<u>54</u>		<u>3,676</u>
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19		<u>27</u>		<u>1,625</u>
Mg Cl ₂	47.62				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03		<u>91</u>		<u>6,464</u>
Na Cl	58.46		<u>1,456</u>		<u>85,118</u>

<u>57</u>	Ca	←	HCO ₃	<u>3</u>
<u>27</u>	Mg	←	SO ₄	<u>172</u>
<u>1,547</u>	Na	←	Cl	<u>1,456</u>

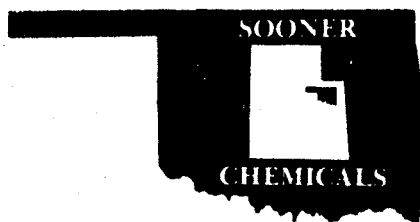
Saturation Values

Distilled Water 20°C

Ca CO₃ 13 Mg/l
Ca SO₄ · 2H₂O 2,090 Mg/l
Mg CO₃ 103 Mg/l

Resistivity= 0.112 Ohm Meters

REMARKS _____



SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000
P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765
P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

COMPANY Diamond Shamrock ADDRESS Vernal, Utah DATE: 2-28-83
SOURCE Pariette Bench # 14-5 DATE SAMPLED _____ ANALYSIS NO. 869

	Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>9.05</u>		
2. H ₂ S (Qualitative)			
3. Specific Gravity	<u>1.0250</u>		
4. Dissolved Solids		<u>40,000</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			
			C/MI
7. Methyl Orange Alkalinity (CaCO ₃)		<u>3,540</u>	
8. Bicarbonate (HCO ₃)	HCO ₃	<u>4,319</u>	÷61 <u>71</u> HCO ₃
9. Chlorides (Cl)	Cl	<u>12,390</u>	÷35.5 <u>349</u> Cl
10. Sulfates (SO ₄)	SO ₄	<u>34,500</u>	÷48 <u>719</u> SO ₄
11. Calcium (Ca)	Ca	<u>80</u>	÷20 <u>4</u> Ca
12. Magnesium (Mg)	Mg	<u>24</u>	÷12.2 <u>2</u> Mg
13. Total Hardness (CaCO ₃)		<u>300</u>	
14. Total Iron (Fe)			
15. Barium (Qualitative)			
16. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

	Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 4 2 1,133 </div>	Ca					
	Mg					
	Na					
	HCO ₃					
	SO ₄					
	Cl					
	Ca (HCO ₃) ₂	81.04		<u>4</u>		<u>324</u>
	Ca SO ₄	68.07				
	Ca Cl ₂	55.50				
	Mg (HCO ₃) ₂	73.17		<u>2</u>		<u>146</u>
	Mg SO ₄	60.19				
	Mg Cl ₂	47.62				
	Na HCO ₃	84.00		<u>65</u>		<u>5,460</u>
	Na ₂ SO ₄	71.03		<u>719</u>		<u>51,071</u>
	Na Cl	58.46		<u>349</u>		<u>20,403</u>

Saturation Values

Distilled Water 20°C

Ca CO₃

13 Mg/l

Ca SO₄ · 2H₂O

2,090 Mg/l

Mg CO₃

103 Mg/l

REMARKS Resistivity = 0.285 Ohm Meters



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 27, 1983

Diamond Shamrock
P.O. Drawer E
Vernal, UT 84078

Re: Pariette Bench #4
Sec. 7, T9S, R19E
Uintah County, Utah

Gentlemen:

We are of the understanding that the problem of the leaking master valve on the above mentioned well has been corrected. During the inspection of said well on June 23, 1983, it was also noted that the facility and location as a whole is in very poor condition.

It is suggested that the location and equipment be restored to full operating condition, as the Division is required by the EPA to witness the pressure testing of Class II wells, to assure their mechanical integrity. Since we will be planning on setting up such as test in the near future on the subject well, please advise as to your intent to still utilize the well for disposal purposes, or if not, it is suggested that said well should be plugged and abandoned in accordance with the Division's rules and regulations.

Your prompt response on this matter will be appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

THALIA R. PRATT
UIC SPECIALIST



Diamond Shamrock

July 12, 1983

Thalia R. Pratt
UIC Specialist
State of Utah-Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Pariette Bench #4
Sec. 7, T9S, R19E
Uintah County, Utah

Dear Ms. Pratt:

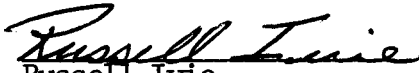
In reference to your letter of June 27, 1983, the following corrective steps have been taken to bring the subject well up to your standards:

1. Equipment and building were cleaned and painted.
2. A dike was built around the wellhead and surface equipment.
3. A cellar was dug around the wellhead and reinforced with wood.
4. Gravel was placed on the floor inside the building.
5. Locking devices were placed on the two access doors to the building.
6. Location adjacent to the well was cleaned of debris and graded.
7. Miscellaneous lines running from the wellhead were cut.

In your letter you suggest that we set up a pressure test for this well to assure it's mechanical integrity. It should be noted that the casing/tubing annulus in this well was pressure tested to 1000 PSI in January, 1983 and was witnessed by your Mr. Gilbert Hunt and Mr. Ron Firth. It is our understanding that we will not be required to pressure test this well again for five years.

Should you require additional information, please contact me at the phone number or address listed below.

Sincerely,


Russell Ivie
District Superintendent
Vernal District Office

RECEIVED
JUL 13 1983

**DIVISION OF
OIL GAS & MINING**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

BMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.	<input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Salt Water Disposal well	RECEIVED	
2. NAME OF OPERATOR	DIAMOND SHAMROCK EXPLORATION COMPANY		
3. ADDRESS OF OPERATOR	P. O. DRAWER 'E', VERNAL, UTAH 84078		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	1980' FEL and 660' FSL (SW/SE)		
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, RT, CR, etc.)		
	4758' GL		

5. LEASE DESIGNATION AND SERIAL NO. U-017992
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Pariette Bench
9. WELL NO. #4
10. FIELD AND POOL, OR WILDCAT Pariette Bench Field
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 7, T9S, R19E
12. COUNTY OR PARISH Uintah
13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) <u>Dispose of water for</u>	(Other) <u>Other Operators</u>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

DIAMOND SHAMROCK EXPLORATION COMPANY has reached an agreement with Natural Gas Corporation of California concerning the disposal of produced water from wells in the Eight Mile Flat/Pariette Bench area. NGC now has our approval to dispose of water from the following wells into the Pariette Bench #4.

WELL	WATER VOLUME	LOCATION	FEDERAL LEASE #
NGC Federal #14-35D	6.2 BWP	SW/SE Sec. 35, T8S, R18E	U-49430
NGC Federal #32-29I	17.2 BWP	SW/NE Sec. 29, T8S, R18E	U-19267
NGC Federal #42-34D	39.9 BWP	SE/NE Sec. 34, T8S, R18E	U-51081

Other operators have approached DIAMOND SHAMROCK EXPLORATION CO., seeking permission to dispose of water from their wells in this area. We are now evaluating these requests and making legal arrangements. The State of Utah and the BLM will be notified if other water will be injected.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Production Engineer

DATE

August 4, 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Core #1 4809'-4859'. Cut and recovered 50'. 28' sh and innerbedded silt and lime stn. 3' fine grain siltstone and good heavy stn with oozing oil in a few places. 1' sn stone and poor stn. 3' siltstone and fine grain sn stone with thin sh innerbeds oozing oil in part. 3' sh and siltstone N.S. 5' sand stone, oozing oil, fair to good porosity and innerbedding of sh. 2' sandy limestone, poor stn. 3' sn stone and thin limestone innerbeds with heavy stn. 2' sn stone with heavy saturation.

Core #2 in at 4859', out at 4919'. Cut 60', recovered 60'. 2.5' sandstone fine grain to siltstone x poor stn. Highly clay filled x poor porosity. 1' siltstone x sh x 4.5' sh x siltstone x oil. Stn in fractures. 8' sh x thin sandstone x slightly stn x calcareous. 5.5' siltstone x fine grain sn stone. Good uniform stn in fractures. 6' siltstone gray to brown x some stn x thin beds of fine grain sn x some stn. 4' siltstone, brownish gray x poor stn. 9.5' gray oil stn x fractures. 18' sandstone fine grain to siltstone. Good stn x good odor x slight fractures x poor porosity. 1' limestone gray dense oil stn in fractures.

Ran IES, GRS x Caliper Log. Perforated 4916' to 4920' x 4851' to 4864' x 4 JSPF. Set Baker fullbore pkr at 4830'. Spotted 300 gal. Dowell FW acid x 10 bbl Ashley Crude. Displaced x 12 bbl. Ashley Crude at 3.5 BPM x 1000 psig. Pressured csg to 1500 psig. Sand-oil hydrafrac x 22,500 lbs of 10-20 sn, 2400 lbs of Mark II Adomite, 560 bbls No. 5 Burner Fuel cut x 10 PC diesel fuel. Maximum x average pressure 6000 psig at 5.2 BPM. Shut-in pressure was 1700 psig. 15 min. shut-in pressure was 1600 psig. Ran Schlumberger cement bond x collar log. Top of cement at 4240'.

Acidized 4474'-4475' as follows: Swabbed tbq dry. Injected 250 gal. Dowell 15 PC W-17 acid. Followed by 12 BW. Displaced x 9 BW. Initial pressure 2200 psig. Broke immediately to 1200 psig. Injected acid into formation at 900 psig at 1/4 bbls per min. Instantaneous shut-in pressure 850 psig. 1 hr. SI pressure 300 psig. Swabbed 3 hrs. Recovered 18 bbls. load water. No show oil or gas.

Cement squeeze perforations 4474' to 4475' x 75 sx regular cement x 53 lbs. HOWCO Hallit No. 9 retarder mixed 3/4 PC by weight. Estimate 60 sx into formation.

Finished drilling plug at 4519'.

Comp. as pmp oil well 4-28-63.



Diamond Shamrock

Interoffice Correspondence

To: Well File: Pariette Bench #4
From: Jeff Ronk
Date: 6/20/83

JHR

Subject: Pressure Test of Pariette Bench #4

An annulus pressure test was requested by Gilbert Hunt of the State of Utah, Division of Oil, Gas, and Mining on January 24, 1983. Mr. Hunt accompanied by Ron Firth (also with the State of Utah), and Diamond Shamrock's Joe Bowden witnessed the annulus pressure test on February 2, 1983. The casing/tubing annulus was pressure tested to 1000 psi with a hot oil truck and held good for 15 minutes. According to Rule I-6, Diamond Shamrock should not have to repeat this test again until February 2, 1988.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(Other instructions on re-
verse side)

Form approved by
Budget Bureau 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PARIETTE BENCH

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

PARIETTE BENCH FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 7, T9S, R19E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER SALT WATER DISPOSAL WELL

2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1980' FEL & 660' FSL (SW/SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

4758' GL

DIVISION OF OIL
GAS & MINING

SEP 17 1984

DIVISION OF OIL
GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

Dispose of water for other
Operators

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)

DIAMOND SHAMROCK EXPLORATION COMPANY has reached an agreement with Enserch Exploration, Inc. concerning the disposal of produced water from wells in the Eight Mile Flat/Monument Butte area. Enserch now has our approval to dispose of water from the following wells into the Pariette Bench #4:

WELL	WATER VOL.	LOCATION	FED. LEASE #
Monument Butte #2-3	2 BWPD	SE/NW Sec.3, T9S, R17E	U-44004
Monument Butte #1-8	2 BWPD	SE/SE Sec.8, T9S, R17E	U-40326
County Line #1-35	70 BWPD	SE/NW Sec.35,T8S, R17E	U-40026
County Line #2-35	2 BWPD	NW/SE Sec.35,T8S, R17E	U-40026
Squaw Crossing #1-5	9 BWPD	SW/SE Sec.5, T9S, R18E	U-52757

Other operators have approached Diamond Shamrock Exploration Company, seeking permission to dispose of water from their wells in this area. We are now evaluating these requests and making legal arrangements. The State of Utah and the BLM will be notified if other water will be injected.

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert J. Michelotti

TITLE

Engineer

DATE

Sept. 13, 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U 017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER SALT WATER DISPOSAL WELL

2. NAME OF OPERATOR

DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'E', VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FEL & 660' FSL (SW/SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4758' GL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PARIETTE BENCH

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

PARIETTE BENCH FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 7, T9S, R19E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Dispose of water for
other operators

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK EXPLORATION COMPANY has reached an agreement with MARATHON OIL COMPANY concerning the disposal of produced water from wells in the Eight Mile Flat/Pariette Bench area. MARATHON OIL COMPANY now has our approval to dispose of water from the following wells into the Pariette Bench #4:

WELL	WATER VOLUME	LOCATION	FEDERAL LEASE #
Pariette Bench Fed. 11-17	12 BWP	NE/SW Sec. 17, T9S, R19E	U-44431
Pariette Bench Fed. 15-17	70 BWP	SW/SE Sec. 17, T9S, R19E	U-16544

Other operators have approached DIAMOND SHAMROCK EXPLORATION COMPANY, seeking permission to dispose of water from their wells in this area. We are now evaluating these requests and making legal arrangements. The State of Utah and the BLM will be notified if other water will be injected.

RECEIVED

OCT 26 1984

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Rob Michelotti
Rob Michelotti

TITLE Production Engineer

DATE 10-25-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL #
USA-U-17997

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER SALT WATER DISPOSAL WELL

2. NAME OF OPERATOR
DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1980' FEL & 660' FSL (SW/SE)

14. PERMIT NO.
43-047-15681

15. ELEVATIONS (Show whether DV, ST, GR, etc.)
4758' GL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
PARIETTE BENCH

9. WELL NO.
#4

10. FIELD AND POOL, OR WILDCAT
PARIETTE BENCH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SECTION 7, T9S, R19E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SET A WATER STORAGE TANK

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

DIAMOND SHAMROCK EXPLORATION COMPANY requests permission to set another water storage tank on the Pariette Bench #4 location. This will allow for more produced water storage to be injected into the subsurface. This installation will not create a surface disturbance.

18. I hereby certify that the foregoing is true and correct

SIGNED

ROB MICHELOTTI

TITLE

PRODUCTION ENGINEER

DATE 5-1-85

(This space for Federal or State office use)

APPROVED BY

Dean B. Foyt

TITLE

Vic Manager

DATE

5/10/85

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

M. RANDY HUBERP.O. Box 275
Bus: (801) 722-9991
Radio Dispatch:Roosevelt, Utah 84068
Res: (801) 722-3846
(801) 722-4501 or (801) 789-4200 Unit 9717**FLOYD H. COLLETT**P.O. Box 275
Bus: (801) 722-9991
Radio Dispatch:Roosevelt, Utah 84068
Res: (801) 722-3832
(801) 722-4501 or (801) 789-4200 Unit 9711**IUCO
CHEMICALS****WATER ANALYSIS REPORT**COMPANY Diamond Shamrock ADDRESS Vernal, Utah DATE: 3-30-87SOURCE WELLS #4 WDN DATE SAMPLED 3-28-87 ANALYSIS NO. _____

Analysis

Mg/l (ppm)

*Meq/l

1. PH 6.52. H₂S (Qualitative) 0.03. Specific Gravity 1.0754. Dissolved Solids 107,893

5. Suspended Solids _____

6. Anaerobic Bacterial Count _____ C/MI

7. Methyl Orange Alkalinity (CaCO₃) _____8. Bicarbonate (HCO₃) HCO₃ 50 ÷61 1 HCO₃9. Chlorides (Cl) Cl 65,000 ÷35.5 1,831 Cl10. Sulfates (SO₄) SO₄ 900 ÷48 19 SO₄11. Calcium (Ca) Ca 1,000 ÷20 50 Ca12. Magnesium (Mg) Mg 486 ÷12.2 40 Mg13. Total Hardness (CaCO₃) 4,50014. Total Iron (Fe) 32.5

15. Barium (Qualitative) _____

16. Phosphate Residuals _____

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

50	Ca	←	HCO ₃	1
40	Mg	→	SO ₄	19
1,761	Na	→	Cl	1,831

Saturation Values**Distilled Water 20°C**Ca CO₃ 13 Mg/lCa SO₄ · 2H₂O 2,090 Mg/lMg CO₃ 103 Mg/l

Compound	Equiv. Wt.	x	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		1		81
Ca SO ₄	68.07		19		1,293
Ca Cl ₂	55.50		30		1,665
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62		40		1,905
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03				
Na Cl	58.46		1,761		102,949

REMARKS _____



Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

November 17, 1988

Maxus Exploration
P.O. Drawer E
Vernal, Utah 84078

Gentlemen:

Re: Pressure Test for Mechanical Integrity, Pariette Bench No. 4 Disposal Well, Uintah County, Utah

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R615-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced well is due for testing for the second five year period. Please make arrangements and ready the well for testing on December 6, 1988 as outlined below:

1. Operators must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. If mechanical difficulties or workover operations make it impossible for the well to be tested on this date the test may be rescheduled.
3. Company personnel should meet DOGM representatives at the well site or other location as negotiated.
4. All bradenhead valves with exception of the tubing on the injection well must be shut in 24 hours prior to testing.

Page 2
Pressure Test
November 16, 1988

Please contact Mr. Dan Jarvis at (801) 538-5340 to arrange a meeting time or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized flourish at the end.

Gil Hunt
Environmental/Geological Supervisor

bd
UI1/11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRII
(Other instructions
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

PARIETTE BENCH

WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

PARIETTE BENCH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 7, T9S, R19E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal Well
2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY
3. ADDRESS OF OPERATOR
P. O. BOX 1669, VERNAL, UTAH 84078
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1980' FEL & 660' FSL (SW/SE)
DIVISION OF
OIL, GAS & MINING

14. PERMIT NO. 43-047-15681
15. ELEVATIONS (Show whether OF, RT, OR, etc.)
4758' GR

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) PRESSURE TEST CASING

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY respectfully wishes to inform the State of Utah of its recent pressure test performed on the Pariette Bench #4.

On December 6, 1988, MAXUS tested the afore mentioned well's casing with a pressure of 1000 PSI for 30 minutes. There was no pressure fall-off throughout the test.

18. I hereby certify that the foregoing is true and correct

SIGNED

Jim Hendricks

TITLE Engineer

DATE 12-12-88

Jim Hendricks

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other Instructions
verse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SEE ATTACHMENT
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SEE ATTACHMENT		8. FARM OR LEASE NAME SEE ATTACHMENT
14. PERMIT NO. SEE ATTACHMENT		9. WELL NO.
15. ELEVATIONS (Show whether DF, ST, OR, etc.) SEE ATTACHMENT		10. FIELD AND POOL, OR WILDCAT PARIETTE BENCH FIELD
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA SEE ATTACHMENT
		12. COUNTY OR PARISH UINTAH CO.
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>

(Other) OPEN VALVE ON SURFACE FUEL GAS LINE X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>

(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY requests permission to open a sealed valve between the Hendel Fed. 1-17, Hendel Fed. 3-17, junction box and the Pariette Bench #4 SWD. (Refer to Map.) This valve was ordered closed and sealed by the BLM, to prevent gas from traveling across the lease boundary without being metered by an orifice. Since this time, a federally approved alternative method of gas estimation and allocation has been accepted. This alternative method is the GOR method which we feel is as reliable as the maintenance of costly orifice meters. The opening of this valve would not require any GOR testing because the wells on both sides of this valve have already been tested and submitted to the BLM. Any gas leaving lease U-017992 and entering lease #U-0107991 would be reported on form MMS 3160, formerly BLM form 3160-6, and royalties paid thereon. The reason for this proposal is to assist MAXUS EXPLORATION in routine hot oiling and to reduce down times caused by hot oiling. Upon approval, much better operating conditions will exist for these marginally productive oil wells. The surface gas lines in the Pariette Bench Field are existing under ROW U-57543.

PARIETTE BENCH #4 SWD

43-047-15681

Sec. 7, T 9S, R 19E

ACCEPTED BY THE STATE
OF UTAH
OIL, GAS AND MINING

DATE:

12-27-90

BY:

18. I hereby certify that the foregoing is true and correct

SIGNED

Rodney Brewer

TITLE PRODUCTION ENGINEER

DATE 12-11-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

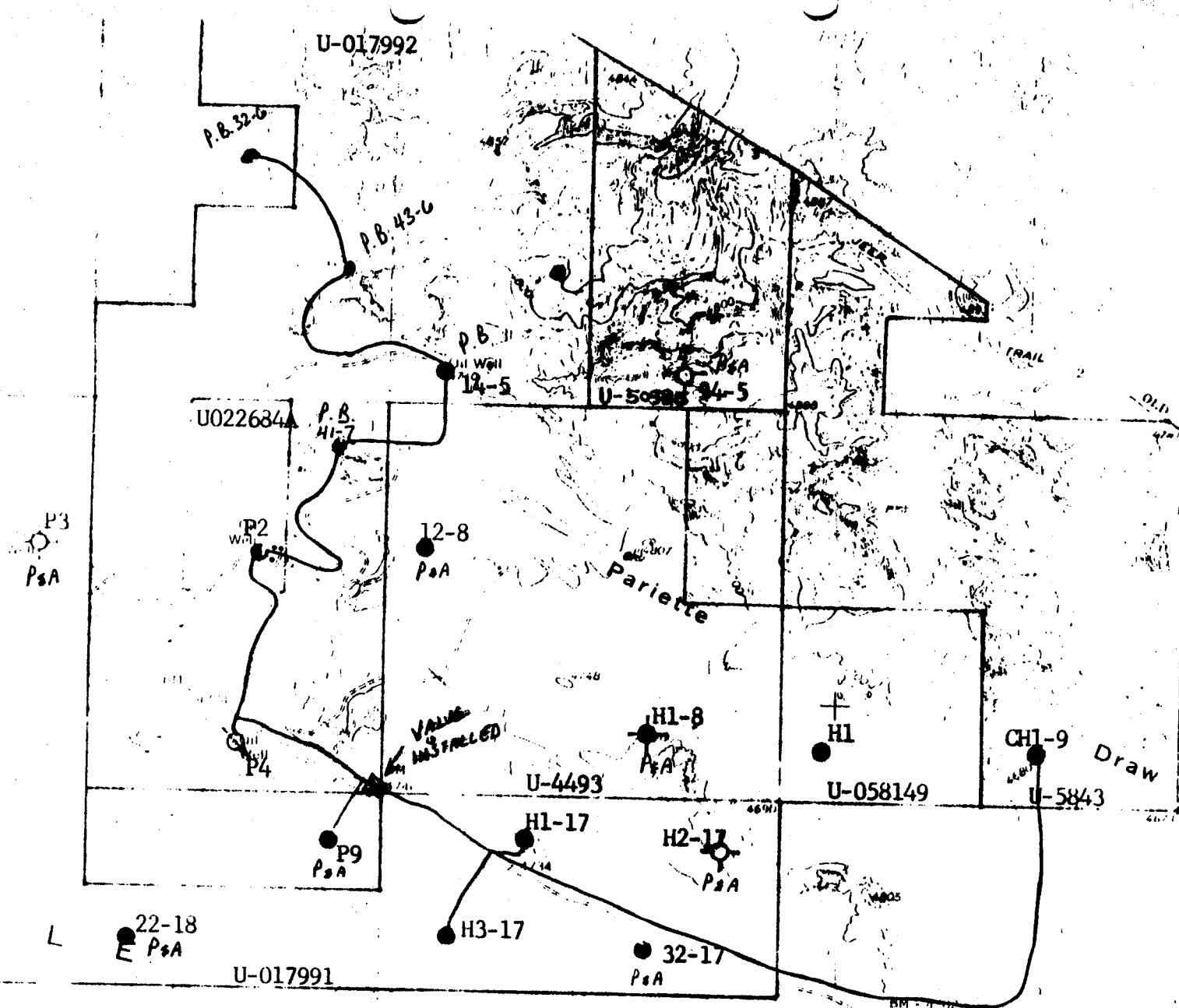
*See Instructions on Reverse Side

**MAXUS EXPLORATION
PARIETTE BENCH FIELD
GAS MEASURING AND ALLOCATION PROPOSAL**

INTRODUCTION

Maxus Exploration has drilled and completed the following wells within the Pariette Bench Field:

<u>Well Name</u>	<u>Permit Number</u>	<u>Lease Number</u>
Pariette Bench 32-6	43-047-31554	U-50385
Pariette Bench 43-6	43-047-31616	U-017992
Pariette Bench 14-5	43-047-31123	U-017992
Pariette Bench 41-7	43-047-31584	U-017992
Pariette Bench #2	43-047-15080	U-022684A
Hendel Federal 1-17	43-047-30074	U-0107991
Hendel Federal 3-17	43-047-30074	U-0107991
Chomey Federal 1-9	43-047-30070	U-5843



PARIETTE BENCH FIELD
FUEL GAS PIPELINE
R.O.W. U-57543

F L A T

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. SEE ATTACHED LIST	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR EQUITABLE RESOURCES ENERGY COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 21017; Billings, MT 59104 (406)259-7860		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SEE ATTACHED LIST At proposed prod. zone		9. WELL NO.	
10. FIELD AND POOL, OR WILDCAT		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY	13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____	Change of Operator <input checked="" type="checkbox"/>	DATE OF COMPLETION _____	
APPROX. DATE WORK WILL START _____			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY
P.O. Box 21017
Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Attorney-in-Fact DATE October 8, 1991

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

STATE	COUNTY	LEASE NAME	WELL NAME & NUMBER	API NUMBER	WELL LOCATION	FIELD	ZONE
UTAH	UINTAH	FLS # U-017991	HENDEL FEDERAL #1-17	43 04730059	NENW (660'FNL, 1979'FWL) SEC 17-9S-19E	PARIETTE BENCH	GREEN RIVER
			HENDEL FEDERAL #3-17	43 04730074	SWNW (1980'FNL, 660'FWL) SEC 17-9S-19E	PARIETTE BENCH	GREEN RIVER
		FLS # U-017992	PARIETTE BENCH #4 (SWD)	43 04715681	SWSE (660'FSL, 1980'FEL) SEC 7-9S-19E	PARIETTE BENCH	GREEN RIVER
			PARIETTE BENCH FEDERAL #14-5	43 04731123	SWSW (605'FSL, 479'FWL) SEC 5-9S-19E	PARIETTE BENCH	GREEN RIVER
			PARIETTE BENCH FEDERAL #41-7	43 04731584	NENE (1008'FNL, 1282'FEL) SEC 7-9S-19E	PARIETTE BENCH	GREEN RIVER
			PARIETTE BENCH FEDERAL #43-6	43 04731616	NESE (2044'FSL, 721'FEL) SEC 6-9S-19E	PARIETTE BENCH	GREEN RIVER
		FLS # U-018073	COYOTE BASIN FEDERAL #12-13	43 04731266	SWNW (2098'FNL, 689'FWL) SEC 13-8S-24E	COYOTE BASIN	GREEN RIVER
			EAST RED WASH FEDERAL #1-13	43 04720222	NENW (660'FNL, 1980'FWL) SEC 13-8S-24E	COYOTE BASIN	GREEN RIVER
		FLS # U-022684-A	PARIETTE BENCH UNIT #2	43 04715680	SWNE (2030'FNL, 1830'FEL) SEC 7-9S-19E	PARIETTE BENCH	GREEN RIVER
		FLS # U-038797	COYOTE BASIN FEDERAL #43-12	43 04730943	NESE (2140'FSL, 820'FEL) SEC 12-8S-24E	COYOTE BASIN	GREEN RIVER
			EAST RED WASH FEDERAL #1-12 (T/A)	43 04720207	SWNE (1980'FNL, 1980'FEL) SEC 12-8S-24E	COYOTE BASIN	GREEN RIVER
		FLS # U-058149	HENDEL FEDERAL #1	43 04720011	SWSW (560'FSL, 500'FWL) SEC 9-9S-19E	PARIETTE BENCH	GREEN RIVER
		FLS # U-063597-A	EAST RED WASH FEDERAL #1-5	43 04720174	SESW (1989'FNL, 2105'FWL) SEC 5-8S-25E	COYOTE BASIN	GREEN RIVER
			EAST RED WASH FEDERAL 2-5 (T/A)	43 04720252	NWNW (800'FNL, 525'FWL) SEC 5-8S-25E	COYOTE BASIN	GREEN RIVER
		FLS # U-20309-D	COYOTE BASIN #32-6	43 04731835	SWNE (1900'FNL, 2200'FEL) SEC 6-8S-25E	COYOTE BASIN	GREEN RIVER
			EAST RED WASH FEDERAL #4-6	43 04720261	SWSE (660'FSL, 1980'FEL) SEC 6-8S-25E	COYOTE BASIN	GREEN RIVER
		FLS # U-50385	PARIETTE BENCH FEDERAL #32-6	43 04731554	SWNE (2117'FNL, 2123'FEL) SEC 6-9S-19E	PARIETTE BENCH	GREEN RIVER
		FLS # U-5843	CHORNEY FEDERAL #1-9	43 04730070	SESW (660'FSL, 1980'FEL) SEC 9-9S-19E	PARIETTE BENCH	MISSOURI LOWER

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OIL GAS & MINING

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DIVISION OF
OIL GAS & MINING



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

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OCT 09 1991

DIVISION OF
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

Lisha Romero
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil
P.O. Box 21017
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all
your help, Lisha*

Maxus Exploration Comp
P.O. Box 2530
Mills, Wyoming 82644
307 266-1882

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OCT 10 1991

DIVISION OF
OIL GAS & MINING

MAXUS

October 7, 1991

State of Utah
Division of Oil & Gas
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus
Exploration Company Wells

Dear Sir:

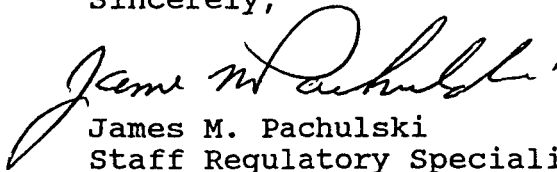
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil
P.O. Box 21017
Billings, Montana 59104
Attn: Bobbie Schuman
Coordinator of Environmental and Regulatory
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,


James M. Pachulski
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation
717 North Harwood Street
Dallas, Texas 75201
214 953-2000

11/1/91

MAXUS

TO: INTEREST OWNERS

SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND
WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO
P. O. BOX 21017
BILLINGS, MT 59104

PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL
NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE~~. I JUST WANTED TO
GIVE YOU THEIR NAME AND ADDRESS.

Nancy Lawrence

Nancy Lawrence / 214/953-2177
Oil Accounting

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NOV 29 1991

DIVISION OF
OIL GAS & MINING



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

January 17, 1992

Lisha Romero
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Lisha:

RE: Pariette Bench #4 SWD
SW SE Section 7, T9S, R19E
Uintah County, Utah

Enclosed is the Transfer of Authority to Inject (UIC Form 5) for the referenced well. If this should go to someone other than you, I would appreciate it if you would forward it to the appropriate person.

Thank you very much for all your help in the transfer of all the wells from Maxus to Balcron. I really appreciate it.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosure

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JAN 21 1992

DIVISION OF
OIL GAS & MIN.

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Pariette Bench #4 SWD
Field or Unit name: Pariette Bench Field API no. 43-047-15681
Well location: QQ SW SE section 7 township 9S range 19E county Uintah
Effective Date of Transfer: November 1, 1991

PER LISHA ROMERO, MAXUS EXPLORATION DOES NOT HAVE TO SIGN.
Transfer approved by:

* 920123

Discussed w/ G. Hunt prior to informing operator. Operator "Beloni" expressed difficulty in getting

expressed difficulty in getting
Maxus to respond to inquiries.

Maxus to respond to inquiries.
Due to the fact that this well is

Due to the fact that this well is on Fed. Lease # U-017992 and within the Parrotte Bench Unit we will accept the BLM's approval of Unit operator change in form of Markus's signature.

Maxus's signature.
Etm has not approved as of yet! for

Transfer approved by:

Company Balcron Oil

Address P.O. Box 21017

BillingS. MT 59104

Phone (406) 259-7860

Comments:

Transfer approved by *[Signature]* Title *ITC Manager*

Approval Date 3-11-92

Bureau of Land Management
Branch of Fluid Minerals
P.O. Box 45155
Salt Lake City, Utah 84145-0155

February 28, 1992

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

RE: Pariette Bench Unit
Uintah County, Utah

Gentlemen:

We received an indenture whereby Maxus Exploration Company resigned as Operator and Equitable Resources Energy Company was designated as Operator for the Pariette Bench Unit, Uintah County, Utah.

This indenture was executed by all required parties. The signatory parties have complied with Section 6 of the unit agreement. The instrument is hereby accepted effective as of February 28, 1992. Please advise all interested parties of the change in unit operator.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Pariette Bench Unit will be covered by your nationwide (Montana) oil and gas bond No. 0576.

Sincerely,

(Orig. Sgd.) R. A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
 Division of Oil, Gas & Mining
 Division of Lands and Mineral Operations U-942 (w/enclosure)
 File - Pariette Bench Unit (w/enclosure)
 MMS - Reference Data Branch
 Agr. Sec. Chron
 Fluid Chron

U-922:TAThompson:tt:02-28-92

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MAR 02 1992

DIVISION OF
OIL GAS & MINING

1- LCR/GIL	<input checked="" type="checkbox"/>
2- DTSDTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- ADA	<input checked="" type="checkbox"/>
7- LCR	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-91)

TO (new operator) BALCRON OIL *
(address) P. O. BOX 21017
BILLINGS, MT 59104
phone (406) 259-7860
account no. N 9890

FROM (former operator) MAXUS EXPLORATION COMPANY
(address) 717 N. HARWOOD, STE 2900
DALLAS, TX 75201
JAMES PACHULSKI (WYO)
phone (307) 266-1882
account no. N 0865

* a subsidiary of
Equitable Resource Energy Company

Well(s) (attach additional page if needed):

Name: <u>CASTLE PK ST 43-16/GRRV</u>	API: <u>43-013-30594</u>	Entity: <u>1181</u>	Sec <u>16</u> Twp <u>9S</u> Rng <u>16E</u>	Lease Type: <u>ML-16532</u>
Name: <u>PARIETTE BENCH 2/GRRV</u>	API: <u>43-047-15680</u>	Entity: <u>1345</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>19E</u>	Lease Type: <u>U022684A</u>
Name: <u>PARIETTE BENCH 41-7/GRRV</u>	API: <u>43-047-31584</u>	Entity: <u>1346</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>19E</u>	Lease Type: <u>U-017992</u>
Name: <u>PARIETTE BENCH #4/GRRV</u>	API: <u>43-047-15681</u>	Entity: <u>99990</u>	Sec <u>7</u> Twp <u>9S</u> Rng <u>19E</u>	Lease Type: <u>U-017992</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-10-91)

2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-9-91)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____

4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-9-92)

6 6. Cardex file has been updated for each well listed above. (3-9-92)

7 7. Well file labels have been updated for each well listed above. (3-9-92)

8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-9-92)

9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 3-12-92 1992. If yes, division response was made by letter dated 3-12-92 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 3-12-92 1992, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FINISHING

All attachments to this form have been microfilmed. Date: March 13 1992

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS



EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104
(406) 259-7860
FAX: (406) 245-1364

March 4, 1993

State of Utah
Uintah County
152 East 100 North
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1. <u>LEC</u>	7-21-93
2. <u>DTS</u>	58-1-93
3. <u>VLC</u>	
4. <u>RJF</u>	
5. <u>RWM</u>	
6. <u>ADA</u>	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator) <u>EQUITABLE RESOURCES ENERGY CO FROM</u> (former operator) <u>BALCRON OIL</u>
(address) <u>BALCRON OIL DIVISION</u> (address) <u>PO BOX 21017</u>
<u>PO BOX 21017</u>
<u>BILLINGS MT 59104</u>
phone (<u>406</u>) <u>259-7860</u>
account no. <u>N 9890</u>

Well(s) (attach additional page if needed):

Name: <u>**ALL WELLS**</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (filed 3-8-93)
- lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: 134640.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- lec 6. Cardex file has been updated for each well listed above. (3-19-93)
- lec 7. Well file labels have been updated for each well listed above. (3-19-93)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1/A 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 1/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *930319 Rec'd bond rider #. 3-4-93.

- 1/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Belcon Oil, A Division of Equitable Resources Energy Company.
- 1/A 2. A copy of this form has been placed in the new and former operators' bond files. *Upon completion of routing.
- 1/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 1/A 2. Copies of documents have been sent to State Lands for changes involving State leases. see comments below

FILMING

- 1/A 1. All attachments to this form have been microfilmed. Date: March 30 1993.

FILING

- 1/A 1. Copies of all attachments to this form have been filed in each well file.
- 1/A 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930308 Btm 15.4. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belcon Oil Division".



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER
BALCRON OIL
PO BOX 21017
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
BALCRON COYOTE FEDERAL 22-7							
✓ 4304732256	11408 08S 25E 7		GRRV				
BALCRON COYOTE FEDERAL 42-6X							
✓ 4304732346	11409 08S 25E 6		GRRV				
BALCRON COYOTE FEDERAL 13-7							
✓ 4304732255	11412 08S 25E 7		GRRV				
FEDERAL 13-13							
✓ 4304732196	11417 08S 24E 13		GRRV				
BALCRON MONUMENT FEDERAL 11-6							
✓ 4301331362	11422 09S 17E 6		GRRV	— w/w			
BALCRON COYOTE FEDERAL 33-5							
✓ 4304732257	11424 08S 25E 5		GRRV				
BALCRON MONUMENT FEDERAL 24-6							
✓ 4301331363	11426 09S 17E 6		GRRV	— w/w			
BALCRON COYOTE FEDERAL 13-5							
✓ 4304732261	11427 08S 25E 5		GRRV				
PARIETTE BENCH U #4							
✓ 4304715681	99990 9S 19E 7		GRRV	— w/w			
EAST RED WASH 2-5							
✓ 43-047-20252	1112 8S 25E 5		GRRV				
BALCRON COYOTE FED 42-6							
✓ 43-047-32258	11386 8S 25E 6						
BALCRON COYOTE FED 33-7							
✓ 43-047-32259	99999 8S 25E 7						
ALLEN FEDERAL A-1							
✓ 43-013-15780	1115 9S 17E 5		GRRV				
BALCRON MONUMENT FED 33-6							
✓ 43-013-31361	11438 9S 17E 6		GRRV	— w/w			
			TOTAL				

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature _____

Telephone _____



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

January 24, 1994

Environmental Protection Agency
UIC Program (Mail Code 8WM-DW)
999 - 18th Street
Suite 500
Denver, CO 80202-2405

Gentlemen:

RE: 43-047-15681*
Pariette Bench #4 SWD
SW SE Section 7, T9S, R19E
Uintah County, Utah

RECEIVED

JAN 26 1994

DIVISION OF
OIL, GAS & MINING

Attached is a copy of the Mechanical Integrity Test which was run on the referenced well on December 15, 1993.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Attachment

cc: Bureau of Land Management, Vernal District
Utah Division of Oil, Gas and Mining

RECEIVED

Mechanical Integrity Test

Casing or Annulus Pressure Test for Well UT2676-02569

JAN 26 1994

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WMDW
999 18th Street, Suite 500, Denver, CO 80202-2466
This form was printed on 12/13/90.

DIVISION OF
OIL, GAS & MINING

EPA Witness: _____ Date 12/15/93 Time 10:00 am/pm
Test conducted by: James A. Simonton (Si's Consulting - Balcon Rep.)
Others present: Wenbin Jiang, Randy Regan, B.L.M.
(State of Utah Oil & Gas)

Equitable Resources Energy Company, Billings, MT Op ID EQR02
PARIETTE BENCH #4 2D AC as of 1/1
PARIETTE BENCH SWSE 07 09S 19E
Indian? Yes, UINTAH-OURAY Compliance staff: WILLIAMS

Last MIT: Passed 10/21/92 Not witnessed by EPA

Time (minutes)	Test #1	Test #2	Test #3
0	<u>630</u> psig	_____ psig	_____ psig
5	<u>630</u>	_____	_____
10	<u>628</u>	_____	_____
15	<u>625</u>	_____	_____
20	<u>623</u>	_____	_____
25	<u>620</u>	_____	_____
30	<u>620</u>	_____	_____
35	<u>620</u>	_____	_____
40	<u>620</u>	_____	_____
45	<u>620</u>	_____	_____
50	<u>610</u>	_____	_____
55	<u>610</u>	_____	_____
60	<u>610</u>	_____	_____
Tubing pressure	<u>0 - opened</u> psig trickle of H ₂ O	_____ psig	_____ psig

Result(circle) Pass Fail

Pass Fail

Pass Fail

Signature of

Witness:

John Jellicoe
For James A. Simonton

See back of page for any additional comments and compliance followup.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 7, T9S, R19E. 660' FSL, 1980' FEL

5. Lease Designation and Serial No.

U-017992

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Pariette Bench #4 SWD

9. API Well No.

43-047-15681

10. Field and Pool, or Exploratory Area

Pariette Bench/Grn. Rvr.

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other site security diagram
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the revised site security diagram for this well.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Regulatory and Environmental Specialist

Date

August 22, 1995

(This space for Federal or State Office use)

Approved by

Title

Date

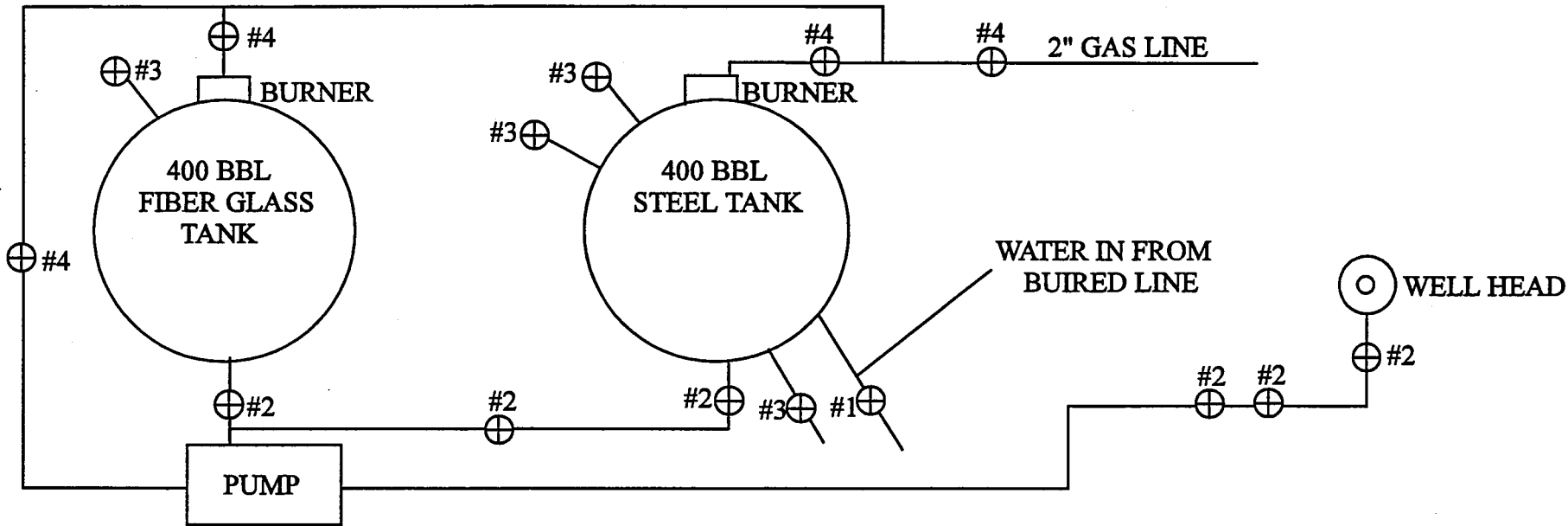
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
PARIETTE BENCH 4 (SWD)
PRODUCTION FACILITY DIAGRAM

PARIETTE BENCH 4 (SWD)
SW SE SEC. 7, T9S, R19E
UINTAH COUNTY, UTAH
FEDERAL LEASE #U-017992



VALVE DESCRIPTION		
	DURING INJCTN	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	CLOSED
VALVE #4	OPEN	OPEN

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:
**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102
(406) 239-7860

AUGUST 7, 1995

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0195
Expires: March 31, 1993

3. Lease Designation and Serial No.

U-017992

6. If Indian, Allowance or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Pariette Bench Unit

8. Well Name and No.

Pariette Bench #4 SWD

9. API Well No.

43-047-15681

10. Field and Pool, or Exploratory Area

Pariette Bench/GrnRiver

11. County or Parish, State

Uintah County, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

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1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 7, T9S, R19E
660' FSL, 1980' FEL

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other TEST
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log (form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attn: Ed Forsman)

COPY: Utah Division of Oil, Gas and Mining (Salt Lake City, UT) (Attn: Dan Jarvis AND Frank Matthews)

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date

December 12, 1995

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

**PARIETTE BENCH #4 (SWD)
C 8W SE Sec. 7 T9S R19E
Pariette Bench Field
Lease #UTU-017992
Uintah County, Utah**

PROPOSED TEST and WORKOVER PROCEDURE

1. **TIH w/ 5-1/2" retrievable bridge plug, SN, and 2-7/8" tubing. Set BP at 2950 ft +/-.**
2. **Set tubing open-ended at 2900 ft +/-.**
3. **Rig surface equipment to heat water to 275 degrees (approximately) and pump, using existing triplex pump, down 2-7/8" tubing. Return water up 5-1/2" casing in closed system.**
4. **Test produce oil from 5-1/2" - 8-5/8" annulus for approximately one week. Track choke size, bbls produced, pressure, and time.**
5. **Once test is completed, Retrieve bridge plug, and TOH with BP, SN, and tubing.**
6. **Cement 5-1/2" - 8-5/8" annulus to surface. Pump 960 sks premium cement down annulus. Let set overnight.**
7. **TIH with Arrow Set I packer, SN, and 2-7/8" tubing. LAND packer at 3870' KB (to closest full joint -- Do NOT land above 3816' KB). Pump one drum of Champion 2383 packer fluid with 62 STB fresh water down tubing-5-1/2" casing annulus. SET PACKER. Pressure test packer to 3000 psig.**
8. **Rig up BJ Services and pump 1000 gal 15% HCl acid per recommendation. Let sit on perforations (3916' - 3938') at least 30 minutes. Rig down BJ Services and Rig up to swab. Swab back acid.**
9. **Pump 500 gal surfactant per recommendation of BJ Services, followed by load of produced water.**
10. **Perform and notify respective agencies of MIT (Mechanical Integrity Test) on well. Rig down and move off location.**

12/12/95 vk

PARIETTE BENCH #4 (SWD)

C SW 8E Sec. 7 T9S R19E

Pariette Bench Field

Lease #UTU-017002

Uintah County, Utah

WORKOVER NOTES

START: 12/4/95

END:

- 12/4/95 Oil plug in tubing and casing. Released packer, would not move downhole. Appears to have heavy oil under packer. Could not pump down annulus. Pumped up to 1500 psi. Wellhead is corroded, needs repair or replacement.
- 12/5/95 Casing Press - 25 psi, Tubing Press - 10 psi. TOH with tubing & packer. Lay packer down. TIH while flushing oil plug out of tubing. Pick up extra joints and tagged sticky fluid at 4230.5'. Determined later from records that this was cement plug. Layed one joint down, circulated hole with hot water. Moved up hole and spotted 25 gallons DN-98 / across perforations, TOH. Let sit overnight.
- 12/6/95 TIH with bridge plug and set. Went to bleed off pressure from 5-1/2" - 8-5/8" annulus to prepare to replace wellhead. Annulus blew gas for approximately 10 minutes at 1000 psi. Oil followed gas. No water in oil. Flowed 85 bbl, SI, SIP-410 psi. Restart bleed down. Flowed 25 bbl in 10 min. SIP-400 psi.
- 12/7/95 Well still flowing oil up annulus. Will SI to hook up frac tanks. Decided to have Noise & Temp Log to try and figure where oil is coming from.
- 12/8/95 Run static log, then flowing temperature log. Start annulus flowing. Initial press - 545 psi., flowed 307 bbls in 1 hour. Completed Temp log. Flowed 148 bbls in 1 hour during log. ISIP-220 psi. Flowed well. SWIFN. SIP - 100 psi.
- 12/9/95 Annulus press - 480 psi. Opened on 32/64" choke. Flowed 4 bbls in 1 hour. Surges 80 to 120 psi. TIH w/ 20 stands of tubing & RBP. Set bridge plug. Pump 75 bbls 5% KCl water down 5-1/2" - 8-5/8" annulus, well would not kill. Grind out Flange ring groove, Flange up w/ neoprene ring, pressure test to 1500 psi, 10 minutes, no leak. SWIFN.
- 12/10/95 Well shut-in for the day.
- 12/11/95 TIH w/ tbg & retrieve tool. Release bridge plug, TOOH w/ BP.
- | | LENGTH | DEPTH | KB |
|------------------------------|---------|---------|----|
| TIH w/ Arrow Set I packer | 6.20 | 3869.96 | |
| 1 - cross over 2-3/8"x2-7/8" | 0.50 | 3863.76 | |
| 1 - jt of 2-7/8", J-55, 8.5# | 30.04 | 3863.26 | |
| 1 - seat nipple 2-7/8" | 1.10 | 3833.22 | |
| 125 - jts 2-7/8", J-55, 8.5# | 3821.12 | 3832.12 | |
| KB | 11 | | |
- Leave packer unset. Pump 100 bbls hot water down 2-7/8"-5-1/2" annulus at 275 deg. w/ 5-1/2"-8-5/8" annulus open to flat tank. Initial press on 5-1/2" - 8-5/8" annulus -- 360 psi. Flowed 15 bbls on 1/2" choke for 15 minutes @ 200 psi. Flowed on 3/4" choke for approx 4 hrs. Press from 225 psi to 20 psi. Hot water w/ 75 bbls down tubing to warm 5-1/2" - 8-5/8" annulus. Flowed on 3/4" choke for 2 hours.
- 12/12/95 Well shut-in for the day.

*Logs indicate oil
flowing from approx
2800'*



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

PARIETTE BENCH UNIT #4 (SWD)
SW SE Sec.7, T9S, R19E
Lease #UTU-017992
PARIETTE BENCH FIELD
UNITAH COUNTY, UTAH

Wellbore Diagram

DATE: 12/3/95 vk

SURFACE CASING

8-5/8", H-40, 24#
Landed @ 404' KB
Cemented w/ 250 sxs w/ 1-1/2% CaCl
Cement to Surface
Hole Size @ 12 1/4"

404' KB

PRODUCTION CASING

5-1/2", J-55, 15.5# & 14#
Landed @ 5119' KB
Cemented w/150 sxs. 50-50 poz (original)
(10/77) Squeezed perforations and annulus w/
200 sxs Class "G" w/ 9.5% Halad

Cement Top @ 3350' CBL (10/29/77)
Hole Size @ 7 7/8"

TUBING

SIZE/GRADE/WT.: 2-7/8", J-55, 8.5#
NO. OF JOINTS: 125 jts (3821.12')
SEATING NIPPLE: 1.1' (Set @ 3833' KB)
NO. OF JOINTS: 1 jt. (30.4')
TEST SUB: 0.5 ft
PACKER: Arrow Set I (6.2')
CKER LANDED AT: Set @ 3870' KB
w/ 10,000# tension

ACID JOB

10/29/77 Acidize w/3800 gals 7 1/2% HCl
acid w/bell sealers. ISIP-1300#, 5
1200#, 10min-1200, 15min-1100
9/13/88 500 gal 15% HCl. ATP-1700#
Max-2000#, ISIP-1410#
4/25/89 500 gal 15% HCl

TOC - 3350' (10/29/77)

*Free gradient 765
for inj zone*

ARROW SET I PACKER
@ 3870' KB

3916' - 3938'

4230' Bridge Plug or Cement Plug

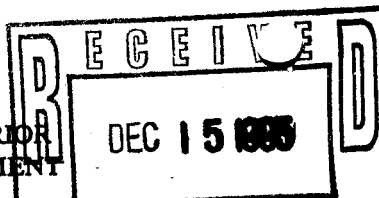
PERFORATION RECORD

3916'-3938'	INJECTION ZONE	2 SPF	Y
4474'-4475'	4 SPF	SQUEEZED	
4851'-4864'	4 SPF	SQUEEZED	
4916'-4920'	4 SPF	SQUEEZED	

Squeezed 4474'-4475' w/75 sxs w/3/4%
halad - 9 added. (approx. 10/77)
Squeezed 4851'-4864' and 4916'-4920'
w/200 sxs Class - G. (approx. 10/77)

PSTD @ 5040'
TD @ 5150'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
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660' FSL, 1980' FEL**

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☐ Casing Repair
☐ Altering Casing
☒ Other **TEST**

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 12-19-95

By: [Signature]

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attn: Ed Forsman)

COPY: **Utah Division of Oil, Gas and Mining** (Salt Lake City, UT) (Attn: **Dan Jarvis AND Frank Matthews**)

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

**Regulatory and
Environmental Specialist**

Date

December 12, 1995

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval, if any: **Action is Necessary**



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

PARIETTE BENCH #4 (SWD)
C SW SE Sec. 7 T9S R19E
Pariette Bench Field
Lease #UTU-017992
Uintah County, Utah

PROPOSED TEST and WORKOVER PROCEDURE

1. **TIH w/ 5-1/2" retrievable bridge plug, SN, and 2-7/8" tubing. Set BP at 2950 ft +/-.**
2. **Set tubing open-ended at 2900 ft +/-.**
3. **Rig surface equipment to heat water to 275 degrees (approximately) and pump, using existing triplex pump, down 2-7/8" tubing. Return water up 5-1/2" casing in closed system.**
4. **Test produce oil from 5-1/2" - 8-5/8" annulus for approximately one week. Track choke size, bbls produced, pressure, and time.**
5. **Once test is completed, Retrieve bridge plug, and TOH with BP, SN, and tubing.**
6. **Cement 5-1/2" - 8-5/8" annulus to surface. Pump 960 sks premium cement down annulus. Let set overnight.**
7. **TIH with Arrow Set I packer, SN, and 2-7/8" tubing. LAND packer at 3870' KB (to closest full joint -- Do NOT land above 3816' KB). Pump one drum of Champion 2383 packer fluid with 62 STB fresh water down tubing-5-1/2" casing annulus. SET PACKER. Pressure test packer to 3000 psig.**
8. **Rig up BJ Services and pump 1000 gal 15% HCl acid per recommendation. Let sit on perforations (3916' - 3938') at least 30 minutes. Rig down BJ Services and Rig up to swab. Swab back acid.**
9. **Pump 500 gal surfactant per recommendation of BJ Services, followed by load of produced water.**
10. **Perform and notify respective agencies of MIT (Mechanical Integrity Test) on well. Rig down and move off location.**

PARIETTE BENCH #4 (SWD)

C SW SE Sec. 7 T9S R19E

Pariette Bench Field

Lease #UTU-017992

Uintah County, Utah

WORKOVER NOTES

START: 12/4/95

END:

- 12/4/95 Oil plug in tubing and casing. Released packer, would not move downhole. Appears to have heavy oil under packer. Could not pump down annulus, Pumped up to 1500 psi. Wellhead is corroded, needs repair or replacement.
- 12/5/95 Casing Press - 25 psi, Tubing Press - 10 psi. TOH with tubing & packer. Lay packer down. TIH while flushing oil plug out of tubing. Pick up extra joints and tagged sticky fluid at 4230.5'. Determined later from records that this was cement plug. Layed one joint down, circulated hole with hot water. Moved up hole and spotted 25 gallons DN-98 across perforations, TOH. Let sit overnight.
- 12/6/95 TIH with bridge plug and set. Went to bleed off pressure from 5-1/2" - 8-5/8" annulus to prepare to replace wellhead. Annulus blew gas for approximately 10 minutes at 1000 psi. Oil followed gas. No water in oil. Flowed 85 bbl, SI. SIP-410 psi. Restart bleed down. Flowed 25 bbl in 10 min. SIP-400 psi.
- 12/7/95 Well still flowing oil up annulus. Will SI to hook up frac tanks. Decided to have Noise & Temp Log to try and figure where oil is coming from.
- 12/8/95 Run static log, then flowing temperature log. Start annulus flowing, initial press - 545 psi., flowed 307 bbls in 1 hour. Completed Temp log. Flowed 146 bbls in 1 hour during log. ISIP-220 psi. Flowed well. SWIFN. SIP - 100 psi.
- 12/9/95 Annulus press - 480 psi. Opened on 32/64" choke. Flowed 4 bbls in 1 hour. Surges 50 to 120 psi. TIH w/ 20 stands of tubing & RBP. Set bridge plug. Pump 75 bbls 5% KCl water down 5-1/2" - 8-5/8" annulus, well would not kill. Grind out Flange ring groove, Flange up w/ neoprene ring, pressure test to 1500 psi, 10 minutes, no leak. SWIFN.
- 12/10/95 Well shut-in for the day.
- 12/11/95 TIH w/ tbq & retrieve tool. Release bridge plug, TOO H w/ BP.
- | | LENGTH | DEPTH | KB |
|------------------------------|---------|---------|----|
| TIH w/ Arrow Set I packer | 6.20 | 3869.96 | |
| 1 - cross over 2-3/8"x2-7/8" | 0.50 | 3863.76 | |
| 1 - jt of 2-7/8", J-55, 6.5# | 30.04 | 3863.26 | |
| 1 - seat nipple 2-7/8" | 1.10 | 3833.22 | |
| 125 - jts 2-7/8", J-55, 6.5# | 3821.12 | 3832.12 | |
| KB | 11 | | |
- Leave packer unset. Pump 100 bbls hot water down 2-7/8"-5-1/2" annulus at 275 deg. w/ 5-1/2"-8-5/8" annulus open to flat tank. Initial press on 5-1/2" - 8-5/8" annulus -- 350 psi. Flowed 15 bbls on 1/2" choke for 15 minutes @ 200 psi. Flowed on 3/4" choke for approx 4 hrs. Press from 225 psi to 20 psi. Hot water w/ 75 bbls down tubing to warm 5-1/2" - 8-5/8" annulus. Flowed on 3/4" choke for 2 hours.
- 12/12/95 Well shut-in for the day.



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALDWIN OIL DIVISION

PARIETTE BENCH UNIT #4 (SWD)
SW SE Sec.7, T9S, R19E
Lease #UTU-017992
PARIETTE BENCH FIELD
UNITAH COUNTY, UTAH

Wellbore Diagram

DATE : 12/3/95 vk

SURFACE CASING

8-5/8", H-40, 24#
Landed @ 404'KB
Cemented w/ 250 sxs w/ 1-1/2% CaCl
Cement to Surface
Hole Size @ 12 1/4"

404' KB

PRODUCTION CASING

5-1/2", J-55, 15.5# & 14#
Landed @ 5119'KB
Cemented w/150 sxs. 50-50 poz (original)
(10/77) Squeezed perforations and annulus w/
200 sxs Class "G" w/ 9.6% Halad

Cement Top @ 3350' CBL (10/29/77)
Hole Size @ 7 7/8"

TUBING

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 125 jts (3821.12')
SEATING NIPPLE: 1.1' (Set @ 3833' KB)
NO. OF JOINTS: 1 jt. (30.4')
TEST SUB: 0.5 ft
PACKER: Arrow Set I (6.2')
CKER LANDED AT: Set @ 3870' KB
w/ 10,000# tension

ACID JOB

10/29/77 Acidize w/3800 gals 7 1/2% HCl
acid w/ball sealers. ISIP-1300#, 5
1200#, 10min-1200, 15min-1100
9/13/88 500 gal 15% HCl. ATP-1700#
Max-2000#, ISIP-1410#
4/25/89 500 gal 15% HCl

TOC - 3350' (10/29/77)

ARROW SET I PACKER
@ 3870' KB

3916' - 3938'

4230' Bridge Plug or Cement Plug

PERFORATION RECORD

Interval	SPF	Notes
3916' - 3938'	2	INJECTION ZONE
4474' - 4475'	4	SQUEEZED
4851' - 4864'	4	SQUEEZED
4916' - 4920'	4	SQUEEZED

Squeezed 4474' - 4475' w/75 sxs w/3/4%
halad -9 added. (approx. 10/77)

Squeezed 4851' - 4864' and 4916' - 4920'
w/200 sxs Class - G. (approx. 10/77)

PBTD @ 5046'
TD @ 5150'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 26 1995

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 7, T9S, R19E
660' FSL, 1980' FEL

5. Lease Designation and Serial No.

0-017992

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Pariette Bench Unit

8. Well Name and No.

Pariette Bench #4 SWD

9. API Well No.

43-047-15681

10. Field and Pool, or Exploratory Area

Pariette Bench/Green River

11. County or Parish, State

Uintah County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other MIT

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A Mechanical Integrity Test (MIT) was run on this well December 21, 1995. Approval to run this test (without State witness) was given by Dan Jarvis of the UIC Program of the Utah Division of Oil, Gas and Mining. Attempts were made to contact the Bureau of Land Management (Vernal District) and Environmental Protection Agency (Denver, CO) by telephone. Due to the shut-down of these portions of the Federal government, telephone attempts were unsuccessful. A notice of the MIT was sent via FAX to both agencies at 10:45 a.m. December 21, 1995. It was deemed critical to return the well to injection and the MIT was run. A copy of the MIT results are attached.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining (Dan Jarvis and Frank Matthews)

COPY: Environmental Protection Agency (Chuck Williams - BWM-DW)

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date

December 21, 1995

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078

IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

MECHANICAL INTEGRITY PRESSURE TEST CASING/TUBING ANNULUS

Lease No. 444-017992
 Company Name: EREC Balcrow oil Date: 12-21-95
 Well Name: Pacette Fed #4 SWD Permit No. _____
 Field Name: Pacette Bench County: Uintah
 Well Location: SW SE Sec 7 T 9S R 19E
 Well Type: SWD X ER _____ 2H _____ Other: _____
 Type of Packer: H.D. Total Depth: 3870
 Packer Set at (depth): 3870 FT
 Surface Casing Size: 8 5/8 From: Surface FT to 404 FT
 Casing Size: 5 1/2 From: Surface FT to 5046 FT
 Tubing Size: 2 7/8 Tubing Pressure during Test: 0 psig
 Time of Day: 12:30 am/pm pm
 Fluid in Annulus: Packer Fluid

	Test #1	Test #2
0 Min:	<u>1000</u> psig	_____ psig
5	<u>1000</u> psig	_____ psig
10	<u>1000</u> psig	_____ psig
15	<u>1000</u> psig	_____ psig
20	<u>1000</u> psig	_____ psig
25	<u>1000</u> psig	_____ psig
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35	<u>1000</u> psig	_____ psig
40	<u>1000</u> psig	_____ psig
45	<u>1000</u> psig	_____ psig
50	<u>1000</u> psig	_____ psig
55	<u>1000</u> psig	_____ psig
60	<u>1000</u> psig	_____ psig

Test Conducted by: Danny Farnsworth
 Inspected by: _____
 Others Present: Dan Wain Ray L. Bell

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 26 1995

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON OIL, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 7, T9S, R19E
660' FSL, 1980' FEL

5. Lease Designation and Serial No.

U-017992

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Pariette Bench Unit

8. Well Name and No.

Pariette Bench #4 SWD

9. API Well No.

43-047-15681

10. Field and Pool, or Exploratory Area

Pariette Bench/Green River

11. County or Parish, State

Uintah County, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
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☒ Other MIT

- ☐ Change of Plans
☐ New Construction
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ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining (Dan Jarvis and Frank Matthews)

COPY: Environmental Protection Agency (Chuck Williams - BWM-DW)

14. I hereby certify that the foregoing is true and correct

Signed

Robbie Schuman

Title

Regulatory and
Environmental Specialist

Date

December 21, 1995

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078

IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

MECHANICAL INTEGRITY PRESSURE TEST CASING/TUBING ANNULUS

Lease No. Utah - 017992
 Company Name: EREC Balcrow oil Date: 12-21-95
 Well Name: Pacette Fed #4 SWD Permit No. _____
 Field Name: Pacette Bench County: Utah
 Well Location: SW SE Sec 7 T 9S R 19E
 Well Type: SWD X ER _____ 2H _____ Other: _____
 Type of Packer: H.D. Total Depth: 3870
 Packer Set at (depth): 3870 FT
 Surface Casing Size: 8 5/8 From: Surface FT to 404 FT
 Casing Size: 5 1/2 From: Surface FT to 5046 FT
 Tubing Size: 2 7/8 Tubing Pressure during Test: 0 psig
 Time of Day: 12:30 am/pm (pm)
 Fluid in Annulus: Packer Fluid

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50	<u>1000</u> psig	_____ psig
55	<u>1000</u> psig	_____ psig
60	<u>1000</u> psig	_____ psig

Test Conducted by: Danny Farnsworth

Inspected by: _____

Others Present: Dateline Ray L. Bell

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 26 1995

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

6. Lease Designation and Serial No.

U-017992

7. If Indian, Allottee or Tribe Name

n/a

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 7, T9S, R19E
660' FSL, 1980' FEL

7. If Unit or CA, Agreement Designation

Pariette Bench Unit

8. Well Name and No.

Pariette Bench #4 SWD

9. API Well No.

43-047-15681

10. Field and Pool, or Exploratory Area

Pariette Bench/Green River

11. County or Parish, State

Uintah County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other MIT

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining (Dan Jarvis and Frank Matthews)

COPY: Environmental Protection Agency (Chuck Williams - BWM-DW)

14. I hereby certify that the foregoing is true and correct

Signed Robbie Schuman

Title

Regulatory and
Environmental Specialist

Date

December 21, 1995

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078

IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

MECHANICAL INTEGRITY PRESSURE TEST CASING/TUBING ANNULUS

Lease No. 474-017992
 Company Name: EREC Balcrow oil Date: 12-21-95
 Well Name: Panette Fed #4 SWD Permit No. _____
 Field Name: Panette Bench County: Utah
 Well Location: SW SE Sec 7 T 9S R 19E
 Well Type: SWD X ER _____ 2H _____ Other: _____
 Type of Packer: H.D. Total Depth: 3870
 Packer Set at (depth): 3870 FT
 Surface Casing Size: 8 5/8 From: Surface FT to 404 FT
 Casing Size: 5 1/2 From: Surface FT to 5046 FT
 Tubing Size: 2 7/8 Tubing Pressure during Test: 0 psig
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55	<u>1000</u> psig	_____ psig
60	<u>1000</u> psig	_____ psig

Test Conducted by: Danny Farnsworth

Inspected by: _____

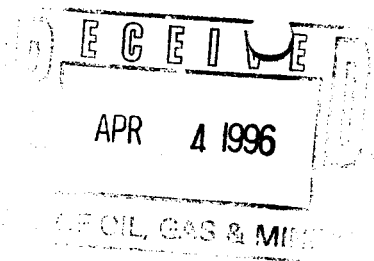
Others Present: Danielson Ray L. Bell



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

April 1, 1996

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
UIC Program
355 West North Temple
Salt Lake City, UT 84180

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

Balcron Monument Fed. #23-11	State #UIC-152
Balcron Monument Fed. #14-11	State #UIC-152
Balcron Monument Fed. #12-11	State #UIC-152
Walton Federal #34-11	State #UIC-152
Balcron Monument Fed. #34-10J	State #UIC-152
Balcron Monument Fed. #44-1J	State #UIC-152
Coyote Basin Area Waterflood	
Area Permit No. UT2653-00000 (Approved 2/18/94)	
Coyote Basin Fed. #42-6X	UT2653-03751 (AREA PERMIT UT2653-00000)
East Red Wash Federal #2-5	UT2653-03752 (AREA PERMIT UT2653-00000)
East Red Wash Federal #4-6	UT2653-04224 (AREA PERMIT UT2653-00000)
Amerada Guinand Federal #1	UT2653-04225 (AREA PERMIT UT2653-00000)
Section 2 Waterflood	
Area Permit No. UT2776-00000 (Approved 11/95)	
Balcron Monument State #14-4	UT2776-04275 (State UIC-163)
Balcron Monument State #22-2	UT2776-04276 (State UIC-163)
Pariette Field SWD	
Pariette Bench #4 SWD (UT)	UT2676-02569



**EQUITABLE RESOURCES
ENERGY COMPANY**

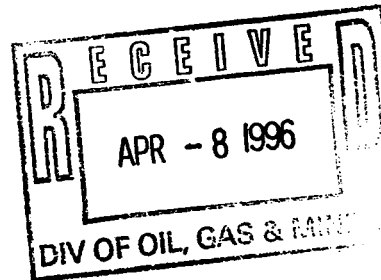
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footage: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR - 8 1996

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Regulatory and

Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845		2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-68618		500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390			Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635		2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108			Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969		915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563	500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681	660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123	605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554	2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584	1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616	2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680	2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552	871' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406	1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567	2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792	706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793	542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31003	537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795	1980' FNL, 1975' FWL	Vernal	Jonah

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEB 7-SJ	✓
2-D758-FILE	✓
3-VLD (GIL)	✓
4-RJE	✓
5-LEB	✓
6-FILM	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~Operator Name Change Only~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
phone (406)	<u>259-7860</u>	phone (406)
account no.	<u>N9890</u>	account no.

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>047-15181</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- See 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- See 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Schwa Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- VDRT 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-047-32248	1-26B	09S	19E	26	INJG	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	43-013-31384	22-5	09S	16E	5	INJW 17E	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE	43-013-31492	11-7J	9S	17E	7	INJW	N

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

County:

QQ, Sec., T., R., M.:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recomplete
☐ Convert to Injection ☐ Reperforate
☐ Fracture Treat or Acidize ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☒ Other Change of Operator

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandon ☐ New Construction
☐ Repair Casing ☐ Pull or Alter Casing
☐ Change of Plans ☐ Reperforate
☐ Convert to Injection ☐ Vent or Flare
☐ Fracture Treat or Acidize ☐ Water Shut-Off
☒ Other Change of Operator

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ HENDEL FEDERAL #1-17	NENW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30059-00	UTU017991	
✓ HENDEL FEDERAL #3-17	SWNW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30074-00	UTU017991	
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630
✓ PARIETTE BENCH FEDER #14-5	SWSW 5 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31123-00	UTU017992	
✓ PARIETTE BENCH FEDER #41-7+	NENE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31584-00		8910069630
✓ PARIETTE BENCH FEDER #32-6	SWNE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31554-00	UTU50385	
✓ PARIETTE BENCH FEDER #43-6	NESE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31616-00	UTU017992	
✓ PARIETTE BENCH UNIT #2	SWNE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15680-00		8910069630
✓ FEDERAL #22-25	SE NW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32008-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #24-25	SE SW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32669-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #34-25	SW SE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32670-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #21-25	NENW 258S 17E	DUCHESNE	UT	UNDESIGNATED (H)	43-047-32528-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #12-25	SWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32526-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #23-25	NESW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32529-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #31-25	NWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32530-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #32-25	SWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32524-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #33-25	NWSE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32525-00	UTU67845	UTU76189X
✓ MONUMENT FEDERAL #11-25	NWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32455-00	UTU67845	UTU76189X
✓ PARIETTE DRAW FED. #8-23	SE NE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32676-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #9-23	NESE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-31543-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #12-24	SWNW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32713-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #13-24	NWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32546-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #14-24	SWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32645-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #23-24-8-17	NE SW 248S 17E	UINTAH	UT	MONUMENT BUTTE (H)	43-047-32710-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #24-24	SESW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32646-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #34-24	SWSE 248S R17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32506-00	UTU45431	UTU76189X

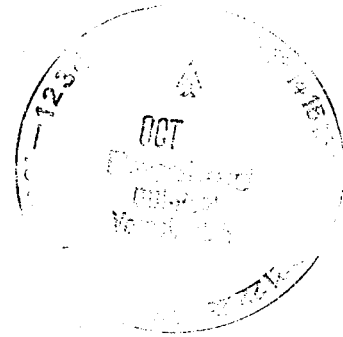


RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

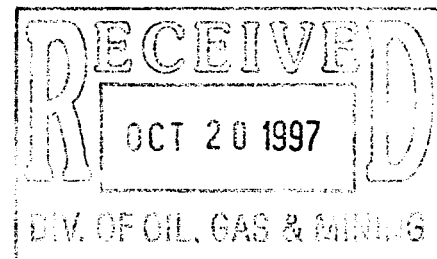
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



RECEIVED

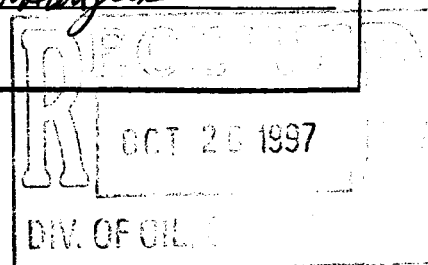
OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED

OCT 13 1997

Well name and number: <u>See Attached</u> *PARIETTE BENCH UNIT <u>#4</u>	
Field or Unit name: <u>See Attached</u> API no. <u>See Attached</u>	
Well location: QQ <u>See Attached</u> section <u>See Attached</u> township <u>See Attached</u> range <u>See Attached</u> county <u>See Attached</u>	
Effective Date of Transfer: <u>September 30, 1997</u>	
CURRENT OPERATOR	
Transfer approved by:	
Name <u>David M. McCoskery</u>	Company <u>Equitable Resources Energy Co.</u>
Signature <u>[Signature]</u>	Address <u>1601 Lewis Avenue</u>
Title <u>Director of Operations & Engineering</u>	<u>Billings, MT 59102</u>
Date <u>9-30-97</u>	Phone <u>(406) 259-7860</u>
Comments:	
NEW OPERATOR	
Transfer approved by:	
Name <u>Chris A Potter</u>	Company <u>Inland Production Company</u>
Signature <u>[Signature]</u>	Address <u>475 - 17th Street, Suite 1500</u>
Title <u>CHRIS A. POTTER, ATTORNEY-IN-FACT</u>	<u>Denver, CO 80202</u>
Date <u>9-30-97</u>	Phone <u>(303) 292-0900</u>
Comments:	
(State use only)	
Transfer approved by <u>[Signature]</u>	Title <u>Manager</u>
Approval Date <u>4-8-98</u>	



Injection wells

✓ MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
✓ MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00		UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

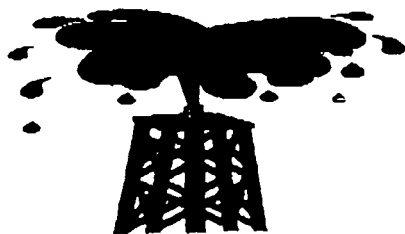
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

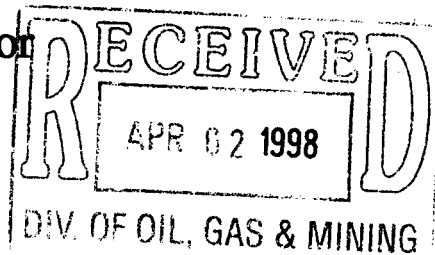
NOTE: Here is the letter you requested.
Calling you need anything
further.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



March 31, 1998

**Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202**

**Re: Pariette Bench Unit
Uintah County, Utah**

Gentlemen:

On March 31, 1998, we received an indenture dated March 1, 1998, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Pariette Bench Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 31, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Pariette Bench Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Pariette Bench Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

**Robert A. Henricks
Chief, Branch of Fluid Minerals**

Enclosure

**bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Pariette Bench Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron**

UT931:TAThompson:tt:3/31/98

Page No. 1
03/31/98

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
-------	------------	-----------	-----	---------	----------	-------	-------------	----------

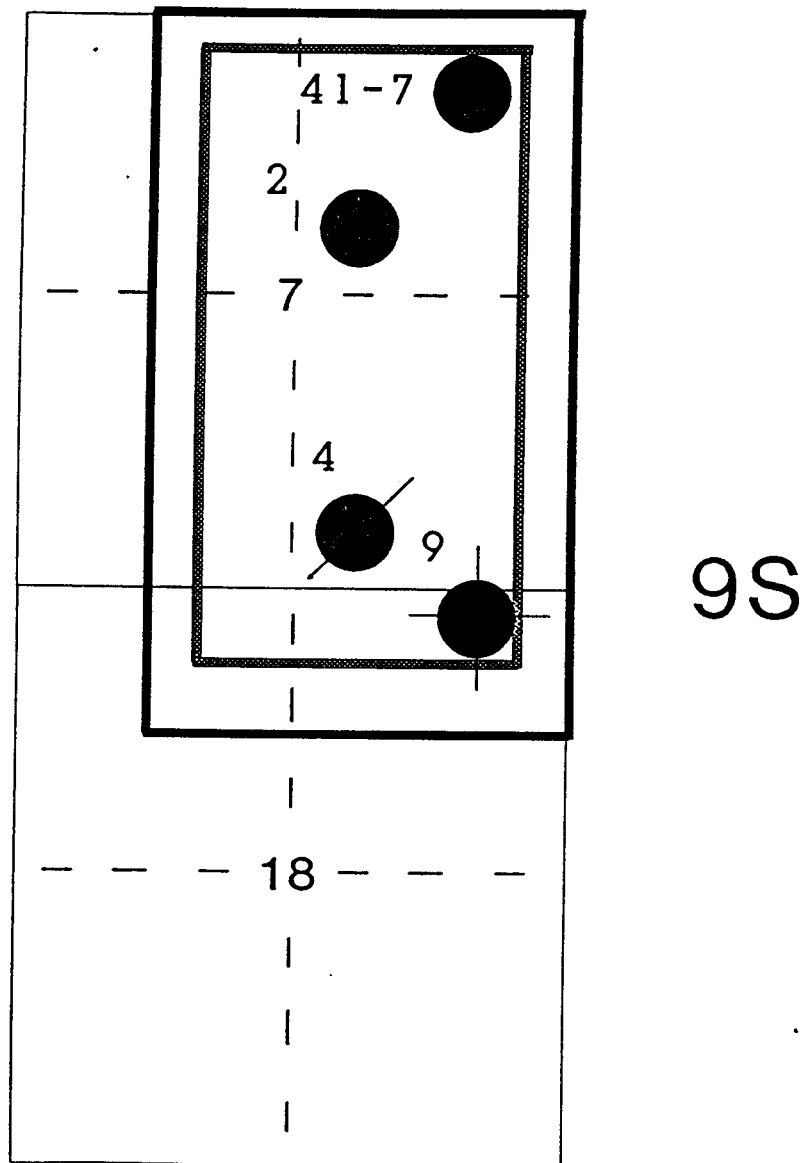
** Inspection Item: 8910069630

UTU022684A	4304715680	2 PARIETTE BENCH	SWNE	7	T 9S	R19E	POW	EQUITABLE RESOURCES ENERGY CO
UTU017992	4304715681	4 PARIETTE BENCH	SWSE	7	T 9S	R19E	WDW	EQUITABLE RESOURCES ENERGY CO
UTU017992	4304731584	41-7 PARIETTE BENCH	NENE	7	T 9S	R19E	POW	EQUITABLE RESOURCES ENERGY CO
UTU4493	4304730063	9 PARIETTE BENCH	NENE	18	T 9S	R19E	P+A	EQUITABLE RESOURCES ENERGY CO

PARIETTE BENCH UNIT

Uintah County, Utah

EFFECTIVE: OCTOBER 5, 1960



UNIT OUTLINE (UTU63028X)

GREEN RIVER PA

AS CONTRACTED AUGUST 2, 1967

600.00 ACRES

GREEN RIVER PA
ALLOCATION

FEDERAL 100.00%
320.00 Acres

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-CL	7-KAS
3-DB	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) INLAND PRODUCTION COMPANY
 (address) PO BOX 1446
ROOSEVELT UT 84066
 Phone: (435) 722-5103
 Account no. N5160

FROM: (old operator)
 (address)

EQUITABLE RESOURCES ENERGY
C/O CRAZY MTN O&G SVS'S
PO BOX 577
LAUREL MT 59044
 Phone: (406) 628-4164
 Account no. N9890

WELL(S) attach additional page if needed:

***PARIETTE BENCH UNIT**

Name: <u>PARIETTE BENCH UNIT 2</u>	API: <u>43-047-15680</u>	Entity: <u>12338</u>	S	<u>7</u>	T	<u>9S</u>	R	<u>19E</u>	Lease: <u>U022684A</u>
Name: <u>PARIETTE BENCH 41-7</u>	API: <u>43-047-31584</u>	Entity: <u>12338</u>	S	<u>7</u>	T	<u>9S</u>	R	<u>19E</u>	Lease: <u>U017992</u>
Name: <u>*PARIETTE BENCH 4/WDW</u>	API: <u>43-047-15681</u>	Entity: <u>99990</u>	S	<u>7</u>	T	<u>9S</u>	R	<u>19E</u>	Lease: <u>U017992</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form).
- lec 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state**? (yes/no) _____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(4-3-98) *Quattro Pro E. DBase "UIC" 4-3-98.*
- lec 6. **Cardex** file has been updated for each well listed above. *4-9-98*
- lec 7. Well **file labels** have been updated for each well listed above. *4-9-98*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(4-3-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- lec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- lec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A/lec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- __ 2. A copy of this form has been placed in the new and former operator's bond files.
- __ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A/lec 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/lec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 4.23.98.

FILING

- CHD 1. Copies of all attachments to this form have been filed in each well file.
- CHD 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

980403 BLM/SL Apr. 3-31-98.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
EQUITABLE RESOURCES ENERGY
PO BOX 577
LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 2 / 98

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE BASIN 21-7			WSTC					
4304731673	11500	08S 25E 7						
FEDERAL 13-13			GRRV					
4304732196	11500	08S 24E 13						
COYOTE FEDERAL 12-5			GRRV					
4304732253	11500	08S 25E 5						
COYOTE FEDERAL 31-7			GRRV					
4304732254	11500	08S 25E 7						
COYOTE FEDERAL 13-7			GRRV					
4304732255	11500	08S 25E 7						
COYOTE FEDERAL 22-7			GRRV					
4304732256	11500	08S 25E 7						
COYOTE FEDERAL 33-5			GRRV					
4304732257	11500	08S 25E 5						
COYOTE FEDERAL 21-5			GRRV					
4304732260	11500	08S 25E 5						
COYOTE FEDERAL 13-5			GRRV					
4304732261	11500	08S 25E 5						
MONUMENT FEDERAL 43-10-9-16			GRRV					
4301331723	12065	09S 16E 10						
MONUMENT FEDERAL 34-31-8-16			GRRV					
4301331715	12067	08S 16E 31						
MONUMENT FEDERAL 33-10-9-16			GRRV					
4301331722	12087	09S 16E 10						
Partridge Bench Unit 4			GRRV	WDW		U-017992	Partridge Bench Unit	
4304715681	99990	9S 19E 7						
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge. Date:

Name and Signature: Telephone Number:



April 7, 1998

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

COPY


43-047-15681
RE: 1997 Annual Injection Report
Pariette #4

Dear Dan:

As per our phone conversation, please find enclosed an amended 1997 Annual Injection Report for the Pariette #4 Water Disposal Well. Equitable Resources operated this well until October of 1997. On the original report we submitted, we reported this well to be shut in all year. After reviewing the data from Equitable Resources I was able to confirm this well was in operation from January 1997 - September 1997. Inland Production Company left this well shut in during October, November & December 1997.

As always, thanks for your assistance. If you have any questions or need further information, please don't hesitate to call me.

Sincerely,


Kebbie S. Jones
District Administrator

Enclosures

cc: Mike Guinn, John Holst, and Patsy Barreau - Inland Resources
Well Files

/kj



Facsimile Cover Sheet

To: Lisha
Company: _____
Phone: _____
Fax: _____

From: Felice
Company: Inland Production Company
Phone: (435) 722-5103
Fax: (435) 722-9149

Date: 6/10/98
Pages including this cover page: 3

Comments:

I will send in a
water analysis, thanks
for your help.

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>Parquette Bench 4</u>	API Number: <u>43-047-15681</u>
Qtr/Qtr: <u>SW/SE</u> Section: <u>7</u>	Township: <u>9S</u> Range: <u>19E</u>
Company Name: <u>Inland Prod. Co.</u>	
Lease: State _____ Fee _____	Federal <u>X</u> Indian _____
Inspector: <u>David A. Blufford</u>	Date: <u>5/12/2000</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 800 psiCasing/Tubing Annulus - Pressure: 1150 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1150</u>	<u>800</u>
5	<u></u>	<u></u>
10	<u></u>	<u></u>
15	<u></u>	<u></u>
20	<u></u>	<u></u>
25	<u></u>	<u></u>
30	<u></u>	<u></u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 800 psiCasing/Tubing Annulus Pressure: 1150 psiCOMMENTS: well is WDN Recently worked over.

Ron Duck
Operator Representative



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

May 13, 2000

Division Oil and Gas & Mining
Attn: Mr. Brad Hill
1594 West North Temple – Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: *Pariette Bench 4-7-9-19*
API # 43-047-15681, U-017992

Dear Mr. Brad Hill

Please find enclosed the results of a MIT test conducted today on the above referenced well. On 5-13-00 there was 1150 psi put on casing with 800 psi on tubing there was no loss of pressure charted in a ½ hour test. Mr Dave Hackford witnessed the test for the State of Utah.

If you have any questions or need further information, please don't hesitate to contact me. I can be reached at our Pleasant Valley Office at (435) 646-3721 or on my cellular at (435) 823-7977.

Sincerely,

Ron Shuck
Production Foreman

Enclosures

cc: *State of Utah – Division of Oil, Gas & Mining*
Jon Holst - Inland Resources
Roosevelt & Denver Well Files

/rs

RECEIVED

MAY 17 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-017992	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Route 3 Box 3630, Myton Utah, 84052 (435) 646-3721		8. FARM OR LEASE NAME Pariette Bench 4-7-9-19 SWD	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 0660 FSL 1980 FEL		9. WELL NO. 4-7-9-19	
		10. FIELD AND POOL OR WILDCAT Pariette Bench	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SE, Sec. 7, T9S, R19E	
14. API NUMBER 43-047-15681	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH Uintah	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) <u>MIT on Casing</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well had a MIT test done on the casing on 5-12-00. The well had a tubing leak that Inland repaired. Mr Dave Hackford with the State Of Utah witnessed the test. There was 1150 psi put on the casing with 800 psi on the tubing no loss of pressure was charted in a 1/2 hour test.

18 I hereby certify that the foregoing is true and correct

SIGNED <u>Ron Shuck</u>	TITLE <u>Production Foreman</u>	DATE <u>5/15/00</u>
Ron Shuck		

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 5/22/00
By: [Signature]

* See Instructions On Reverse Side

COPY SENT TO OPERATOR
Date: 6-1-00
Initials: [Signature]

RECEIVED

MAY 17 2000

DIVISION OF
OIL, GAS AND MINING



DAILY WORKOVER REPORT

WELL NAME: Pariette Bench #4-7-9-19

Report Date: 5-15-00

Day: 03

Operation: MIT on Casing

Rlg: NA

WELL STATUS

Surf Csg: _____ @ _____ Prod Csg: _____ @ _____ WT: _____ Csg PBTD: _____

Tbg: _____ Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 13-May-00

SITP: 800 SICP: 1150

Contacted Mr Al Craver with the EPA and got verbal approval to conduct a MIT on the casing without a witness. Contacted Mr Dave Hackford with the State Of Utah and lined up time of 10:30. Dave Hackford witnessed the test. The casing was pressured to 1150 psi with 800 psi on tubing. There was no loss of pressure charted in 30 minutes. This test was a result of having to workover the well with a rig.

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MAY 17 2000

DIVISION OF
OIL, GAS AND MINING

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0

Starting oil rec to date: _____

Fluid lost/recovered today: _____

Oil lost/recovered today: _____

Ending fluid to be recovered: _____

Cum oil recovered: _____

IFL: _____ FFL: _____ FTP: _____

Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Workover Supervisor: Ron Shuck

DAILY COST: _____
TOTAL WELL COST: _____



RESOURCES INC.

DAILY WORKOVER REPORT

WELL NAME: Pariette Bench #4-9-19 SWDReport Date: 5-10-00Day: 02Operation: Packer LeakRig: Pennant #4

WELL STATUS

Surf Csg: @ 5 1/2 @ 5046' WT: 15.5&14 Csg PBTD: 5046'
Tbg: Size: 2 7/8" Wt: 6.5 Grd: J-55 Pkr/EOT @: 3849' BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
	3916-3938'				

CHRONOLOGICAL OPERATIONS

Date Work Performed: 09-May-00SITP: 800 SICP: 800

Continue TOOH breaking, inspecting and applying Liquid O Ring to connections, (LD bottom 14 jts w/ exterior deterioration and a hole in bottom jt). TIH w/ Arrowset-1 Pkr w/ ball catch sub on bottom (sub is 2 3/8" 8rd w/ 1 5/8" ID), 126 jts tbg. Circulated 30 bbls wtr. dwn tbg @ 250° drop ball and pump to bottom w/ 20 bbls wtr. Seat ball and pressure tbg to 3000 psi and maintain for 30 minutes w/ no loss. Displace 65 bbls pkr fluid dwn csg while circulating ball out of tbg. ND BOP set pkr in 20,000 tension NU wellhead and pressure csg to 1000 psi, (csg would not test). ND wellhead release pkr and LD 1-jt tbg. Set pkr in 20,000 tension @ 3849' and NU wellhead. Pressure test csg to 1100 psi for 30 minutes RDMOL and prepare for MIT.

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FLUID RECOVERY (BBLs)

DIVISION OF
OIL, GAS AND MININGStarting fluid load to be recovered: 0Starting oil rec to date: Fluid lost/recovered today: -60 BWOil lost/recovered today: Ending fluid to be recovered: 60 BWCum oil recovered: IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

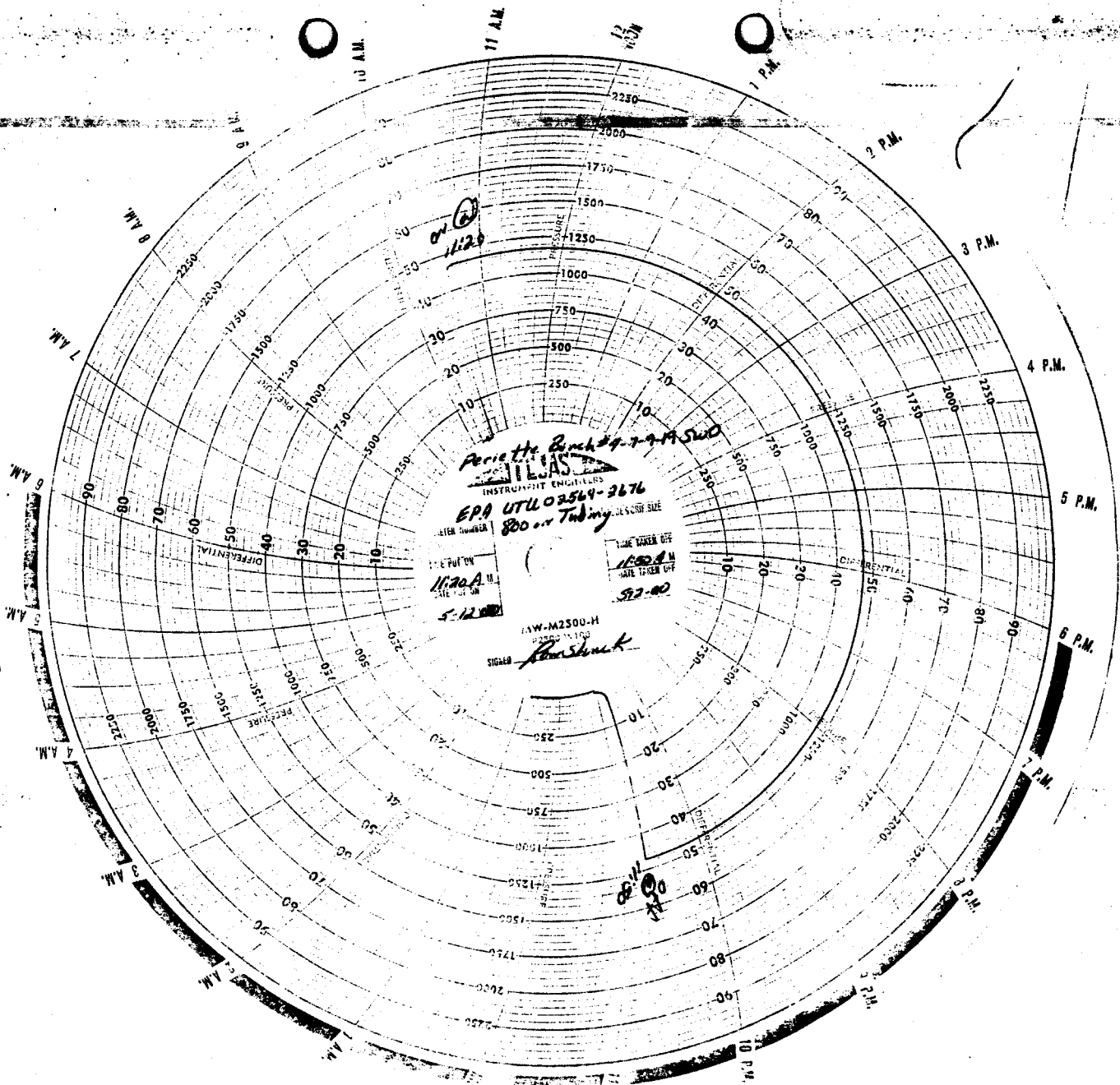
TUBING DETAIL

ROD DETAIL

COSTS

KB 11.00'		Pennant Rig	\$3,000
125- J-55 tbg 3829.29'		Graco	\$100
Arrowset-1 Pkr 7.31'		Hot Oil Trk	\$500
2 7/8"x2 3/8" Xover .50'		IPC Supervisor	\$200
ballcatcher w/ 1 5/8" ID .52'		Pkr repair	\$1,000
2 3/8' collar .45'		Pkr fluid	\$200
EOT @ 3848.99' KB		13-jts J-55 tbg	\$800
		Inland Wtr Trk	\$100

Workover Supervisor: Jody LiddellDAILY COST: \$5,900TOTAL WELL COST: \$8,600



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MAY 17 2000

DIVISION OF
OIL, GAS AND MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: None Date: 5/12/00
Test conducted by: Don Shuck
Others present: David W. Hurd DOCA

Well Name: <u>Parlette Bench #4-7-9-19</u>	Type: ER <u>(SWD)</u>	Status: <u>(AC)</u> TA UC
Field: <u>Parlette Bench</u>	EPA # <u>UTU 02569-2676</u>	
Location: <u>S10/S12</u>	Sec: <u>7</u> T <u>9</u> N <u>(S)</u> R <u>19</u> E W	County: <u>Utah</u> State: <u>UT</u>
Operator: <u>Inland Production</u>		
Last MIT: <u>1</u> <u>1</u>	Maximum Allowable Pressure:	PSIG

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Is this a regularly scheduled test? [] Yes [X] No

Initial test for permit? [] Yes [X] No

Test after well rework? [X] Yes [] No

Well injecting during test? [] Yes [X] No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial Pressure	<u>800</u> psig		psig	psig
End of test pressure	<u>800</u> psig		psig	psig
CASING / TUBING ANNULUS PRESSURE				
<u>10:00 Am</u> 0 minutes	<u>1150</u> psig		psig	psig
5 minutes	<u>1150</u> psig		psig	psig
10 minutes	<u>1150</u> psig		psig	psig
15 minutes	<u>1150</u> psig		psig	psig
20 minutes	<u>1150</u> psig		psig	psig
25 minutes	<u>1150</u> psig		psig	psig
30 minutes	<u>1150</u> psig		psig	psig
minutes	psig		psig	psig
minutes	psig		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail

Does the annulus pressure build back up after the test? [] Yes [] No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

The well got a Hole in tubing. Inland Repaired
it and drove a MIT on Casing

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DIVISION OF
OIL, GAS AND MINING

Signature of Witness: _____

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why? _____

Possible violation identified? ☐ YES ☐ NO

If YES, what _____

If YES - followup initiated? ☐ YES _____

☐ NO - why not? _____

☐ Data Entry

☐ Compliance Staff

☐ 2nd Data Entry

☐ Hardcopy Filing

INJECTION WELL - PRESSURE TEST

Well Name: <u>Pariette Bench #4</u>	API Number: <u>43-047-15681 19E</u>
Qtr/Qtr: <u>SW/SE</u> Section: <u>7</u>	Township: <u>9S</u> Range: <u>2E</u>
Company Name: <u>Inland Prod. Co.</u>	
Lease: State <u> </u> Fee <u> </u>	Federal <u>U-017992</u> Indian <u> </u>
Inspector: <u>David W. Hackford</u>	Date: <u>9/12/2001</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 750 psi
 Casing/Tubing Annulus - Pressure: 1150 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1150</u>	<u>750</u>
5	<u>1150</u>	<u>750</u>
10	<u>1150</u>	<u>750</u>
15	<u>1150</u>	<u>750</u>
20	<u>1150</u>	<u>750</u>
25	<u>1150</u>	<u>750</u>
30	<u>1150</u>	<u>750</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 750 psi
 Casing/Tubing Annulus Pressure: 1150 psi

COMMENTS:

well recently had tubing leak that was
repaired

Jody M. [Signature]
 Operator Representative



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-017992	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Well		7. UNIT AGREEMENT NAME PARIETTE BENCH	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME PARIETTE BENCH #4	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. PARIETTE BENCH #4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SE Section 7, T09S R19E 660 FSL 1980 FEL		10. FIELD AND POOL, OR WILDCAT PARIETTE BENCH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SE Section 7, T09S R19E	
14. API NUMBER 43-047-15681	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4758 GL	12. COUNTY OR PARISH UINTAH	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Tubing Leak	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well developed a leak in the tubing, subsequently the leak was repaired. On 9/10/01 Mr. Al Craver w/ EPA and Mr. Dave Hackford w/ State DOGM was contacted and gave permission to conduct a MIT on the casing. On 09/12/01 the casing was pressured to 1150 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dave Hackford was there to witness the test. The well is shut in and waiting for approval to inject.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 09-24-04
By: [Signature]

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SEP 17 2001

DIVISION OF
OIL, GAS AND MINING

18 I hereby certify that the foregoing is true and correct

SIGNED

Krishna Russell
Krishna Russell

TITLE

Production Clerk

DATE

9/14/01

cc: BLM

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List	API Number
Location of Well Footage : County : QQ, Section, Township, Range:	Field or Unit Name See Attached List Lease Designation and Number
State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *[Signature]*
Title: *Perk. Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

(9/2003)

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SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****EAST PARIETTE (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
PARIETTE BENCH FED 14-5	05	090S	190E	4304731123	13614	Federal	OW	P	
E PARIETTE FED 5-5-9-19	05	090S	190E	4304735254		Federal	OW	APD	K
PARIETTE BENCH FED 32-6	06	090S	190E	4304731554	13614	Federal	OW	P	
PARIETTE BENCH FED 43-6	06	090S	190E	4304731616	13614	Federal	OW	P	
E PARIETTE FED 2-6-9-19	06	090S	190E	4304735206		Federal	OW	APD	K
E PARIETTE FED 6-6-9-19	06	090S	190E	4304735207		Federal	OW	APD	K
E PARIETTE FED 8-6-9-19	06	090S	190E	4304735208		Federal	OW	APD	K
E PARIETTE FED 10-6-9-19	06	090S	190E	4304735209		Federal	OW	APD	K
E PARIETTE FED 16-6-9-19	06	090S	190E	4304735210		Federal	OW	APD	K
PARIETTE BENCH U 2	07	090S	190E	4304715680	13614	Federal	OW	S	
PARIETTE BENCH U 4	07	090S	190E	4304715681	13614	Federal	WD	A	
PARIETTE BENCH FED 41-7	07	090S	190E	4304731584	13614	Federal	OW	S	
E PARIETTE FED 2-7-9-19	07	090S	190E	4304735211		Federal	OW	APD	K
E PARIETTE FED 6-7-9-19	07	090S	190E	4304735212		Federal	OW	APD	K
E PARIETTE FED 10-7-9-19	07	090S	190E	4304735213		Federal	OW	APD	K
HENDEL FED 1-9	09	090S	190E	4304720011	13614	Federal	OW	S	
CHORNEY FED 1-9	09	090S	190E	4304730070	13614	Federal	OW	S	
HENDEL FED 1-17	17	090S	190E	4304730059	13614	Federal	OW	S	
HENDEL FED 3-17	17	090S	190E	4304730074	13614	Federal	OW	S	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-017992

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Service

8. WELL NAME and NUMBER:
PARIETTE BENCH UNIT 4

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304715681

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FSL 1980 FEL

COUNTY: UINTAH

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE, 7, T9S, R19E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/30/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 04/23/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 04/30/2010 the casing was pressured up to 1940 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1500 psig during the test. There was not an EPA representative available to witness the test.

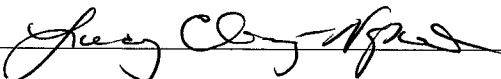
EPA# UT20676-02569 API# 43-047-15681

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 04/30/2010

(This space for State use only)

RECEIVED
MAY 05 2010
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 4 / 30 / 2010
Test conducted by: Alfredo Rios
Others present: _____

Well Name: <u>Parish Bench Unit 4 4-7-919</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>SW/SE</u>	Sec: <u>7</u>	T <u>9</u> N <u>(S)</u> R <u>19</u> (B) W County: <u>Uintah</u> State: <u>Utah</u>
Operator: <u>Newfield</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1900</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

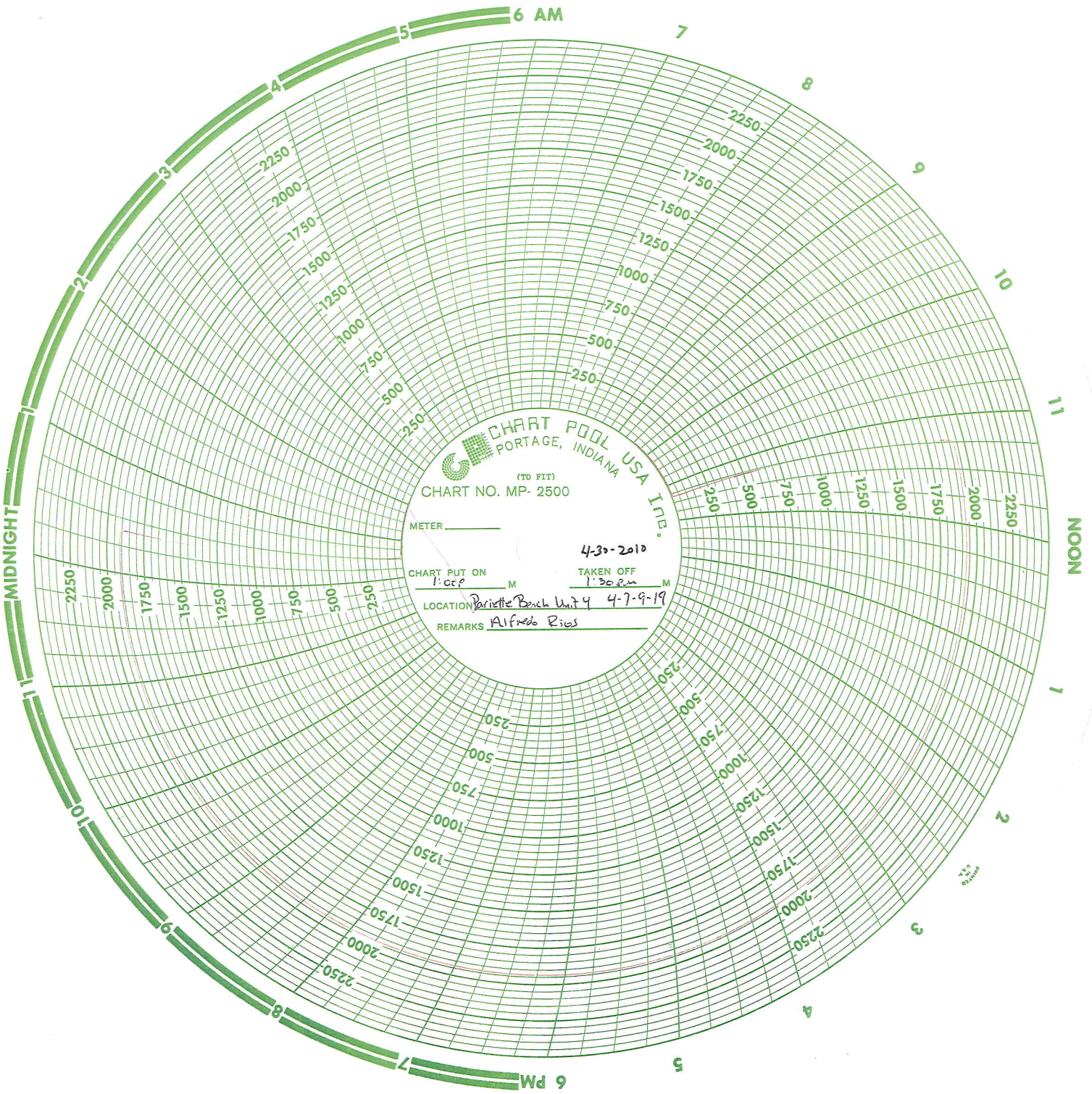
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1500</u> psig	psig	psig
End of test pressure	<u>1500</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1940</u> psig	psig	psig
5 minutes	<u>1940</u> psig	psig	psig
10 minutes	<u>1940</u> psig	psig	psig
15 minutes	<u>1940</u> psig	psig	psig
20 minutes	<u>1940</u> psig	psig	psig
25 minutes	<u>1940</u> psig	psig	psig
30 minutes	<u>1940</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
1. TYPE OF WELL Water Disposal Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: PARIETTE BENCH U 4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047156810000
9. FIELD and POOL or WILDCAT: PARIETTE BENCH		COUNTY: UINTAH
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/8/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: Workover - Cmmt Sque	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (Hole in Casing / Cement squeeze), attached is a daily status report and wellbore diagram. On 07/08/2011 Nathan Wiser with the EPA was contacted concerning the MIT of the above listed well. On 08/08/2011 the csg was pressured up to 1000 psig and charted for 30 minute with no pressure loss. The well was not injected during the test. The tbq pressure was 1250 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 8/18/2011		

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 8 / 8 / 11
Test conducted by: Cole Harris
Others present: Trent Horrocks

Well Name: <u>Parlette Beach 4-7-9-19</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>SW/SE</u> Sec: <u>7</u> T <u>9</u> N <u>(S)</u> R <u>19</u> <u>(E)</u> W	County: <u>Vinland</u>	State: <u>VT</u>
Operator: <u>Newfield</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u> </u>	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1250</u> psig	psig	psig
End of test pressure	<u>1250</u> psig	psig	psig
CASING / TUBING	ANNULUS	PRESSURE	
0 minutes	<u>1000</u> psig	psig	psig
5 minutes	<u>1000</u> psig	psig	psig
10 minutes	<u>1000</u> psig	psig	psig
15 minutes	<u>1000</u> psig	psig	psig
20 minutes	<u>1000</u> psig	psig	psig
25 minutes	<u>1000</u> psig	psig	psig
30 minutes	<u>1000</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

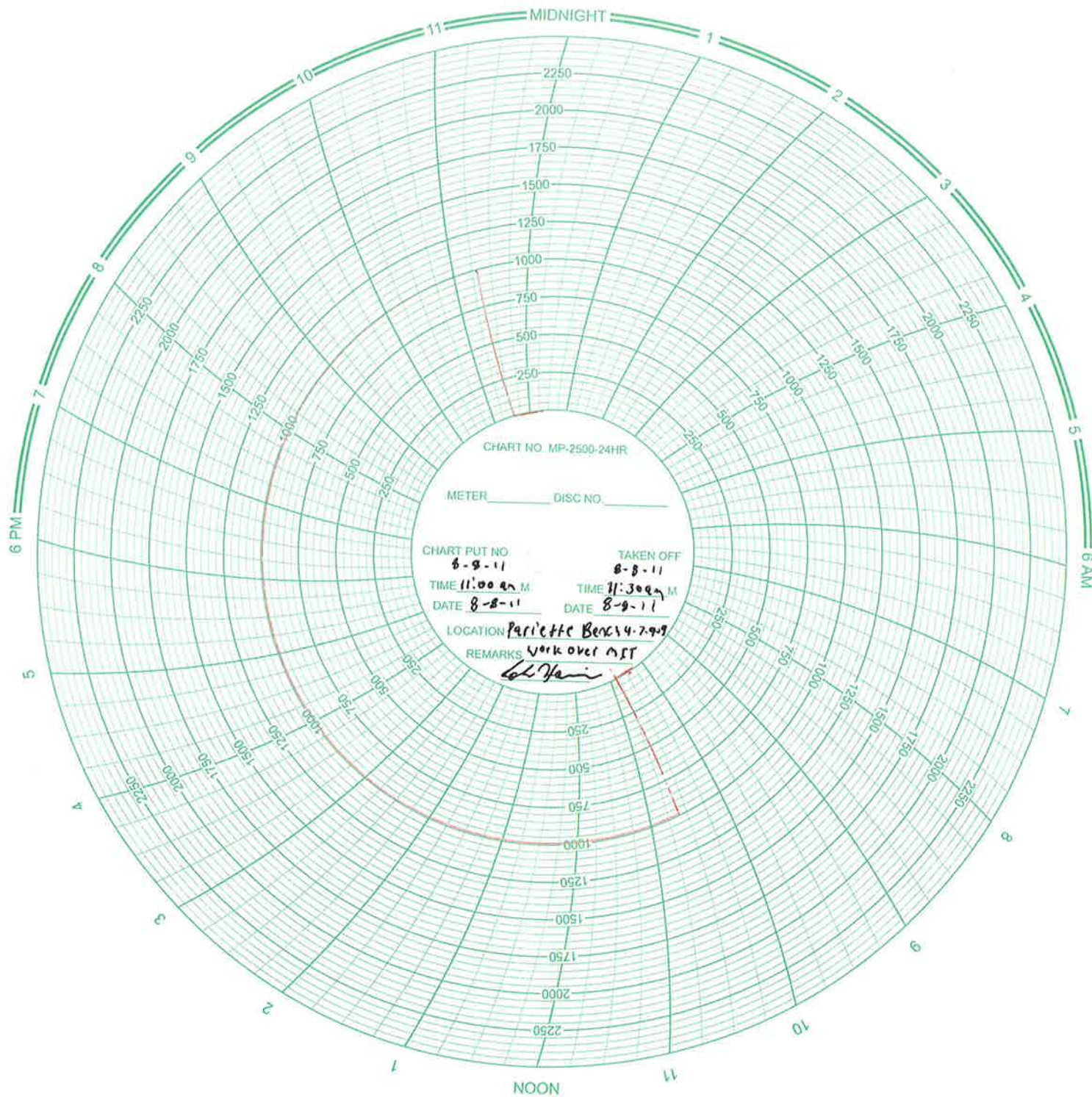
Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: [Signature]

RECEIVED Aug. 18, 2011



Spud Date: 3/3/63

Completed: 4/11/63

GL: 4758' KB: 4769'

Pariette Bench 4-7-9-19 (SWD)

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: H-40

WEIGHT: 24#

DEPTH LANDED: 404' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: Cement to surface w/ 250 sxs w/ 1-1/2% CaCl

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

DEPTH LANDED: 5119' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 150 sxs 50/50 POZ.

(10/77 Squeezed perforations and annulus w/ 200 sx Class "G")

CEMENT TOP @ 3350 per CBL 10/29/77

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 123 jts (3825.6')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 3836.5' KB

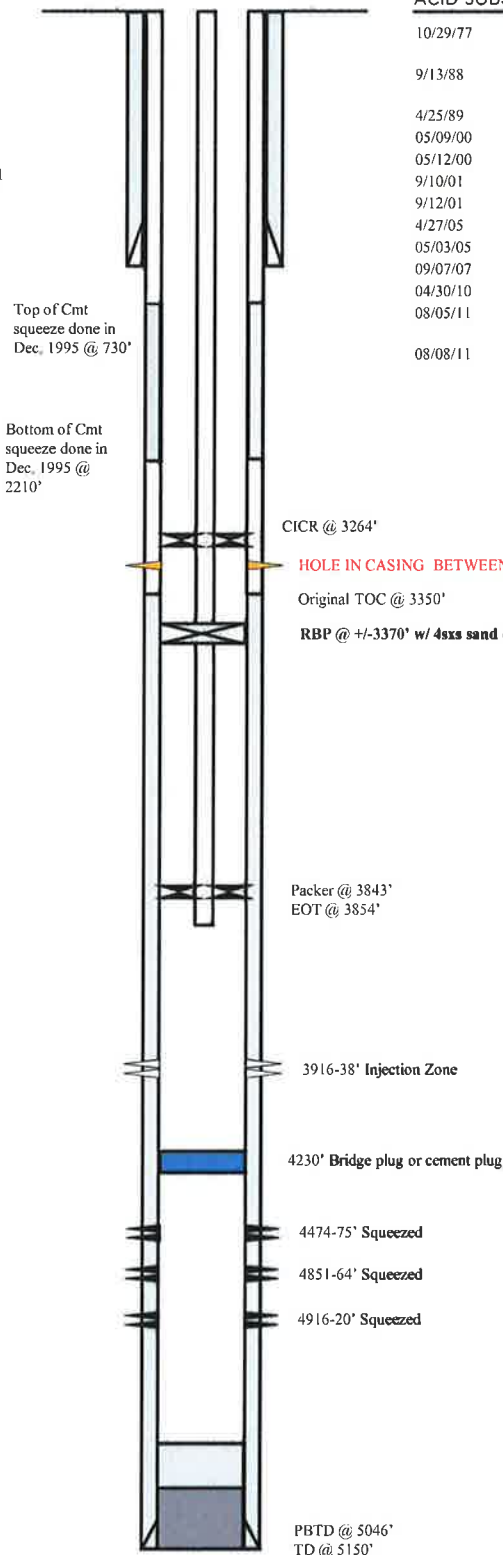
RETRIEVING HEAD: (1.5') 3837.6'

PACKER: 3842.73'

TUBING PUP: 2-3/8" / J-55 (3846.9')

XN NIPPLE: (1.1') 3850.8

TOTAL STRING LENGTH: EOT @ 3854'

Injection
Wellbore DiagramACID JOBS

10/29/77	Acidize w/ 3800 gal 7.5% HCl, ISIP 1300#.
9/13/88	Acidize w/500 gal 15% HCl, ATP 1700#, ISIP 1410#.
4/25/89	Acidize w/500 gal 15% HCl.
05/09/00	Packer Leak
05/12/00	MIT Completed
9/10/01	Tubing leak. Prep for MIT.
9/12/01	Workover MIT Completed
4/27/05	Wellhead Leak
05/03/05	MIT Completed
09/07/07	Plugged Tbg
04/30/10	5 YR MIT Completed
08/05/11	Major WorkOver - Hole in Csg - Cmt Squeeze w/ 200 sxs Class "G" Cmt.
08/08/11	Workover MIT Completed - WBD updated

PERFORATION RECORD

3916'-3938'	2 SPF	Injection Zone
4474'-4475'	4 SPF	Squeezed
4851'-4864'	4 SPF	Squeezed
4916'-4920'	4 SPF	Squeezed
Squeezed 4474-4475' w/ 75 sxs w/ 3/4% halad - B added (aprox. 10/77)		
Squeezed 4851-4864' and 4916-4920' w/ 200 sxs Class "G" (aprox. 10/77)		



Pariette Bench 4-7-9-19 (SWD)

660' FSL & 1960' FEL

SWSE Section 7-T9S-R19E

Uintah Co, Utah

API# 43-047-15681 Lease #UTU-017992

LCN 8-18-11

RECEIVED Aug. 18, 2011

Daily Activity Report**Format For Sundry****PARIETTE 4-7-9-19****5/1/2011 To 9/30/2011****7/25/2011 Day: 2****Tbg leak**

Nabors #1608 on 7/25/2011 - Circulate well. - MIRUSU. Turn well over to flow back hand. - MIRUSU. Turn well over to flow back hand. - Flow well threw weekend & made 130 bbls fluid. Casing has 1100 psi. 0 psi on tbg. RU Hot oiler & pump 100 bbls hot water 250° down casing @ 1/2 bpm @ 750 psi (good circulation threw choke). Casing 0 psi, tbg flowing 66 bpd @ 8 psi w/ 486 ppm H2S. Leave flow overnight. - Flow well threw weekend & made 130 bbls fluid. Casing has 1100 psi. 0 psi on tbg. RU Hot oiler & pump 100 bbls hot water 250° down casing @ 1/2 bpm @ 750 psi (good circulation threw choke). Casing 0 psi, tbg flowing 66 bpd @ 8 psi w/ 486 ppm H2S. Leave flow overnight. - MIRUSU. Turn well over to flow back hand. - MIRUSU. Turn well over to flow back hand. - Flow well threw weekend & made 130 bbls fluid. Casing has 1100 psi. 0 psi on tbg. RU Hot oiler & pump 100 bbls hot water 250° down casing @ 1/2 bpm @ 750 psi (good circulation threw choke). Casing 0 psi, tbg flowing 66 bpd @ 8 psi w/ 486 ppm H2S. Leave flow overnight. - Flow well threw weekend & made 130 bbls fluid. Casing has 1100 psi. 0 psi on tbg. RU Hot oiler & pump 100 bbls hot water 250° down casing @ 1/2 bpm @ 750 psi (good circulation threw choke). Casing 0 psi, tbg flowing 66 bpd @ 8 psi w/ 486 ppm H2S. Leave flow overnight. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$17,510****7/26/2011 Day: 3****Tbg leak**

Nabors #1608 on 7/26/2011 - Flow well. Wait on orders. Flow well. - Flowed well during night. Closed well @ 5PM w/ 120 bbls rec'd. 0 psi on casing & 12 psi on tbg. Pressure climbed to 1000 psi in 30 min on casing & tbg. Delivered mud @ 3:15PM. Open well to flow over night w/ 1000 psi on casing & 1000 psi on tbg. - Flowed well during night. Closed well @ 5PM w/ 120 bbls rec'd. 0 psi on casing & 12 psi on tbg. Pressure climbed to 1000 psi in 30 min on casing & tbg. Delivered mud @ 3:15PM. Open well to flow over night w/ 1000 psi on casing & 1000 psi on tbg.

Daily Cost: \$0**Cumulative Cost: \$25,297****7/27/2011 Day: 4****Tbg leak**

Nabors #1608 on 7/27/2011 - Pump mud. Release pkr. TOO H w/ tbg. Stuck AS 1 pkr @ 3310' - Well flowed over night (made 150 bbls fluid this 24 hours). RU pump & tanks (has 1000 psi on well). Pump 85 bbls of 11.4# mud down tbg. Well flowing 2 bbls per hour. RU BOP's. Release pkr. TOO H w/ tbg. Flow pickup around 2000' from surface (4 bpm w/ gas cut, shut down & filled flat tank 100 bbls in 20 min w/ 8 ppm H2S). Continue TOO H w/ well flowing. LD ball sub & AS 1 pkr (shows some pitting in seal area). RU WLT w/ lubricator. RIH w/ AS 1 pkr & got stuck @ 3310'. Set pkr to get WLT loose. - Well flowed over night (made 150 bbls fluid this 24 hours). RU pump & tanks (has 1000 psi on well). Pump 85 bbls of 11.4# mud down tbg. Well flowing 2 bbls per hour. RU BOP's. Release pkr. TOO H w/ tbg. Flow pickup around 2000' from surface (4 bpm w/ gas cut, shut down & filled flat tank 100 bbls in 20 min w/ 8 ppm H2S). Continue TOO H w/ well flowing. LD ball sub & AS 1 pkr (shows some pitting in seal area). RU WLT w/ lubricator. RIH w/ AS 1 pkr & got stuck @ 3310'. Set pkr to get WLT loose.

Daily Cost: \$0**Cumulative Cost: \$39,671**

7/28/2011 Day: 5**Tbg leak**

Nabors #1608 on 7/28/2011 - LD tbg. RIH w/ yellow band tbg. - Open well w/ 0 psi on casing. TIH w/ tbg. TOO H w/ tbg laying down on trailer(found 2 holes in jt #68 the size of pencil). Add spool w/ tbg hanger from yard for well head. Test casing to 750 psi & lost 15 psi in 15 min. RU on/off tool. Tally, drift, pickup & TIH w/ yellow band J-55, 2-7/8" tbg. Breaking & dopping every pin & collar. SIFN. - Open well w/ 0 psi on casing. TIH w/ tbg. TOO H w/ tbg laying down on trailer(found 2 holes in jt #68 the size of pencil). Add spool w/ tbg hanger from yard for well head. Test casing to 750 psi & lost 15 psi in 15 min. RU on/off tool. Tally, drift, pickup & TIH w/ yellow band J-55, 2-7/8" tbg. Breaking & dopping every pin & collar. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$60,624**7/29/2011 Day: 6****Tbg leak**

Nabors #1608 on 7/29/2011 - TIH w/ tbg. Release pkr. TIH w/ pkr threw perfs. TOO H w/ tbg. - Continue TIH w/ tbg breaking, inspect & redope every connection. Pump 95 bbls of 15 ppg mud. Well full. Latch on to pkr. Pressure tbg to 700 psi to remove pump off sub off btm of tbg. Well on vacuum. Release pkr. Work pkr loose @ 3310'. TIH w/ tbg. Hit tight spot @ 3326'. Hit tight spot @ 3916 threw perfs. Work down to EOT @ 3944'. TOO H w/ tbg. Try to set pkr @ 3832'. Won't set. TOO H w/ tbg. Well on vacuum. LD AS 1 WLT set. RU tbg set AS 1 pkr. TIH w/ PB (set @ 1600 psi), NX nipple, 6' x 2-3/8" pup joint, 5-1/2" x 2-1/2" Arrow Set 1 pkr, on/off tool, SN, 121 jts tbg. Fill tbg every 20 stds. Pump 20 bbls mud down casing on way in hole. Set AS1 @ 3841'. Test pump off plug. Sting out of pkr. Pump 121 bbls water down tbg, 70 bbls down casing trying to circulate mud out of well. Finally @ 4 BPM down casing was able to get 1 bpm out of tbg. Still no sign of mud. SIFN. - Continue TIH w/ tbg breaking, inspect & redope every connection. Pump 95 bbls of 15 ppg mud. Well full. Latch on to pkr. Pressure tbg to 700 psi to remove pump off sub off btm of tbg. Well on vacuum. Release pkr. Work pkr loose @ 3310'. TIH w/ tbg. Hit tight spot @ 3326'. Hit tight spot @ 3916 threw perfs. Work down to EOT @ 3944'. TOO H w/ tbg. Try to set pkr @ 3832'. Won't set. TOO H w/ tbg. Well on vacuum. LD AS 1 WLT set. RU tbg set AS 1 pkr. TIH w/ PB (set @ 1600 psi), NX nipple, 6' x 2-3/8" pup joint, 5-1/2" x 2-1/2" Arrow Set 1 pkr, on/off tool, SN, 121 jts tbg. Fill tbg every 20 stds. Pump 20 bbls mud down casing on way in hole. Set AS1 @ 3841'. Test pump off plug. Sting out of pkr. Pump 121 bbls water down tbg, 70 bbls down casing trying to circulate mud out of well. Finally @ 4 BPM down casing was able to get 1 bpm out of tbg. Still no sign of mud. SIFN. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$86,852**7/30/2011 Day: 7****Tbg leak**

Nabors #1608 on 7/30/2011 - Locate hole in casing. - Open well w/ 0 psi on well. TOO H w/ tbg. LD on/off tool. RU "TS" RBP, retrieving head, 2-3/8" x 4' pup joint, "HD" pkr, SN. TIH w/ 121 jts tbg & set RBP @ 3827'. Set pkr & test casing & tools to 700 psi. Reset pkr @ 3329'. Test good. Reset pkr @ 3298' no test down tbg. Test casing from 3298' to suface on casing side (good test). Reset pkr @ 3313'. TIH & release RBP @ 3827' & reset @ 3370'. Set pkr & test casing RBP to 700 psi (good test). Release pkr & try to spot 2 sxs sand on plug w/ 19 bbls water. Wait 1 hour & try to spot 2 more sxs sand on RBP. Wait 1 hour still no sand. LD 3 jts tbg to leave EOT @ 3100'. SIFN. - Open well w/ 0 psi on well. TOO H w/ tbg. LD on/off tool. RU "TS" RBP, retrieving head, 2-3/8" x 4' pup joint, "HD" pkr, SN. TIH w/ 121 jts tbg & set RBP @ 3827'. Set pkr & test casing & tools to 700 psi. Reset pkr @ 3329'. Test good. Reset pkr @

3298' no test down tbg. Test casing from 3298' to surface on casing side (good test). Reset pkr @ 3313'. TIH & release RBP @ 3827' & reset @ 3370'. Set pkr & test casing RBP to 700 psi (good test). Release pkr & try to spot 2 sxs sand on plug w/ 19 bbls water. Wait 1 hour & try to spot 2 more sxs sand on RBP. Wait 1 hour still no sand. LD 3 jts tbg to leave EOT @ 3100'. SIFN.

Daily Cost: \$0

Cumulative Cost: \$94,605

8/2/2011 Day: 9

Tbg leak

Nabors #1608 on 8/2/2011 - Drlg cement & CICR. - Open well w/ 0 psi on casing. TOO H w/ tbg. LD stinger. RU 4'3/4" mill & x-over sub. TIH w/ 103 jts tbg to tag cement @ 3260' (4'). Drlg cement to CICR @ 3264'. Drlg for 1hr 45min & didn't get threw. LD 1 jt tbg. Cement still alittle soft. - Open well w/ 0 psi on casing. TOO H w/ tbg. LD stinger. RU 4'3/4" mill & x-over sub. TIH w/ 103 jts tbg to tag cement @ 3260' (4'). Drlg cement to CICR @ 3264'. Drlg for 1hr 45min & didn't get threw. LD 1 jt tbg. Cement still alittle soft. - Open well w/ 0 psi. TIH w/ tbg to tag 33' of sand on plug. Set pkr & test plug. Release pkr. TOO H w/ tbg. LD "HD" pkr & retrieving head. RU CICR. TIH w/ tbg & set @ 3264'. Test tbg to 2000 psi. RU Baker Hughes & squeeze 200 sacks of 14.4 ppg, 1.24 yield, class G cement. Hesitate last 5 bbls w/ 15 min intervals. Last pump in was 2020 psi @ .5 bpm w/ .5 bbl cement, ISIP was 1895 psi. Sting out CICR w/ 1750 on casing. LD 1 jt tbg. Circulate 65 bbls water. TOO H w/ 5 std tbg. SIFN. - Open well w/ 0 psi. TIH w/ tbg to tag 33' of sand on plug. Set pkr & test plug. Release pkr. TOO H w/ tbg. LD "HD" pkr & retrieving head. RU CICR. TIH w/ tbg & set @ 3264'. Test tbg to 2000 psi. RU Baker Hughes & squeeze 200 sacks of 14.4 ppg, 1.24 yield, class G cement. Hesitate last 5 bbls w/ 15 min intervals. Last pump in was 2020 psi @ .5 bpm w/ .5 bbl cement, ISIP was 1895 psi. Sting out CICR w/ 1750 on casing. LD 1 jt tbg. Circulate 65 bbls water. TOO H w/ 5 std tbg. SIFN. - Open well w/ 0 psi. TIH w/ tbg to tag 33' of sand on plug. Set pkr & test plug. Release pkr. TOO H w/ tbg. LD "HD" pkr & retrieving head. RU CICR. TIH w/ tbg & set @ 3264'. Test tbg to 2000 psi. RU Baker Hughes & squeeze 200 sacks of 14.4 ppg, 1.24 yield, class G cement. Hesitate last 5 bbls w/ 15 min intervals. Last pump in was 2020 psi @ .5 bpm w/ .5 bbl cement, ISIP was 1895 psi. Sting out CICR w/ 1750 on casing. LD 1 jt tbg. Circulate 65 bbls water. TOO H w/ 5 std tbg. SIFN. - Open well w/ 0 psi on casing. TOO H w/ tbg. LD stinger. RU 4'3/4" mill & x-over sub. TIH w/ 103 jts tbg to tag cement @ 3260' (4'). Drlg cement to CICR @ 3264'. Drlg for 1hr 45min & didn't get threw. LD 1 jt tbg. Cement still alittle soft. - Open well w/ 0 psi on casing. TOO H w/ tbg. LD stinger. RU 4'3/4" mill & x-over sub. TIH w/ 103 jts tbg to tag cement @ 3260' (4'). Drlg cement to CICR @ 3264'. Drlg for 1hr 45min & didn't get threw. LD 1 jt tbg. Cement still alittle soft.

Finalized

Daily Cost: \$0

Cumulative Cost: \$123,818

8/3/2011 Day: 10

Tbg leak

Nabors #1608 on 8/3/2011 - Drlg CICR. Test casing. Release RBP. - Continue drlg out CICR. Drlg cement to 3325'. Tag sand @ 3337'. Test casing to 1000 psi. TIH w/ tbg C/O sand to RBP @ 3370'. TOO H w/ tbg. LD mill & x-over sub. RU retrieving head. TIH w/ tbg. Circulate over RBP & release. TOO H w/ tbg. LD RBP. RU Seal assembly, SN. TIH w/ 60 jts tbg. EOT @ 1913'. - Continue drlg out CICR. Drlg cement to 3325'. Tag sand @ 3337'. Test casing to 1000 psi. TIH w/ tbg C/O sand to RBP @ 3370'. TOO H w/ tbg. LD mill & x-over sub. RU retrieving head.

TIH w/ tbg. Circulate over RBP & release. TOOH w/ tbg. LD RBP. RU Seal assembly, SN. TIH w/ 60 jts tbg. EOT @ 1913'.

Daily Cost: \$0

Cumulative Cost: \$135,909

8/5/2011 Day: 12

Tbg leak

Nabors #1608 on 8/5/2011 - Flow well. RDMOSU. - Continue TIH w/ tbg & release RBP. TIH w/ tbg to 3841'. Drop standin valve. Had to push to SN w/ sand line. Test tbg to 3000 psi. Retrieve STV. TOOH w/ tbg. RU Retrieving head (on/off tool), SN & TIH w/ 1 jts tbg, 1- 2-7/8" J-55 pup joint 120 jts tbg. RD BOP's. Pump 85 bbls of Packer Fluid. Space out tbg. Get on/off tool on Arrow set 1 pkr. Set tbg w/ 6000#'s tension on hanger. Test casing to 1025 psi. Pump off/pump plug @ 3000 psi. Flow well to flat tank for 1 hour to rec'd 40 bbls of water (no H2S). SIFN. - Open well w/ 950 psi on casing. Flow well for 45 bbls @ 39 ppm H2s in 3 hours time. RU Hot Oiler & pump 40 bbls water down tbg starting pressure was 900 psi @ 3/4 bpm. With 20 bbls away 1700 psi @ 3/4 BPM & held there @ 1700 psi for next 20 bbls. RDMOSU. Well ready for MIT. - Open well w/ 950 psi on casing. Flow well for 45 bbls @ 39 ppm H2s in 3 hours time. RU Hot Oiler & pump 40 bbls water down tbg starting pressure was 900 psi @ 3/4 bpm. With 20 bbls away 1700 psi @ 3/4 BPM & held there @ 1700 psi for next 20 bbls. RDMOSU. Well ready for MIT. - Continue TIH w/ tbg & release RBP. TIH w/ tbg to 3841'. Drop standin valve. Had to push to SN w/ sand line. Test tbg to 3000 psi. Retrieve STV. TOOH w/ tbg. RU Retrieving head (on/off tool), SN & TIH w/ 1 jts tbg, 1- 2-7/8" J-55 pup joint 120 jts tbg. RD BOP's. Pump 85 bbls of Packer Fluid. Space out tbg. Get on/off tool on Arrow set 1 pkr. Set tbg w/ 6000#'s tension on hanger. Test casing to 1025 psi. Pump off/pump plug @ 3000 psi. Flow well to flat tank for 1 hour to rec'd 40 bbls of water (no H2S). SIFN. - Open well w/ 950 psi on casing. Flow well for 45 bbls @ 39 ppm H2s in 3 hours time. RU Hot Oiler & pump 40 bbls water down tbg starting pressure was 900 psi @ 3/4 bpm. With 20 bbls away 1700 psi @ 3/4 BPM & held there @ 1700 psi for next 20 bbls. RDMOSU. Well ready for MIT. - Continue TIH w/ tbg & release RBP. TIH w/ tbg to 3841'. Drop standin valve. Had to push to SN w/ sand line. Test tbg to 3000 psi. Retrieve STV. TOOH w/ tbg. RU Retrieving head (on/off tool), SN & TIH w/ 1 jts tbg, 1- 2-7/8" J-55 pup joint 120 jts tbg. RD BOP's. Pump 85 bbls of Packer Fluid. Space out tbg. Get on/off tool on Arrow set 1 pkr. Set tbg w/ 6000#'s tension on hanger. Test casing to 1025 psi. Pump off/pump plug @ 3000 psi. Flow well to flat tank for 1 hour to rec'd 40 bbls of water (no H2S). SIFN. - Open well w/ 950 psi on casing. Flow well for 45 bbls @ 39 ppm H2s in 3 hours time. RU Hot Oiler & pump 40 bbls water down tbg starting pressure was 900 psi @ 3/4 bpm. With 20 bbls away 1700 psi @ 3/4 BPM & held there @ 1700 psi for next 20 bbls. RDMOSU. Well ready for MIT.

Daily Cost: \$0

Cumulative Cost: \$156,015

8/9/2011 Day: 13

Tbg leak

Rigless on 8/9/2011 - Perform Workover MIT - On 7/8/11 Nathan Wiser with the EPA was contacted concerning the Workover MIT on the above listed well (Pariette 4-7-9-19). On 8/8/11 the csg was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1250 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT 20676-02569 - On 7/8/11 Nathan Wiser with the EPA was contacted concerning the Workover

MIT on the above listed well (Pariette 4-7-9-19). On 8/8/11 the csg was pressured up to 1000 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1250 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT 20676-02569 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$159,965

Pertinent Files: Go to File List



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

NOV 29 2011

RECEIVED

NOV 30 2011

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2596-3766
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

9S 19E 7
Re: Underground Injection Control (UIC)
Permission to Resume Injection
Pariette Bench 4-7-9-19 Well
EPA ID# UT20676-02569
API # 43-047-15681
Pariette Bench Oil Field
Duchesne County, UT

Dear Mr. Horrocks:

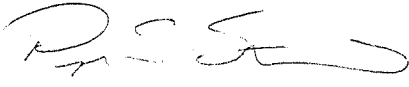
On August 25, 2011, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on August 8, 2011. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before August 8, 2016.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,


Sandra A. Stavnes, Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Richard Jenks, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Dan Jarvis
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
P.O. Box 70
Ute Indian Tribe
Fort Duchesne, Utah 84026



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
1. TYPE OF WELL Water Disposal Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: PARIETTE BENCH U 4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047156810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: PARIETTE BENCH
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/28/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Well Integrity Testing"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (Hole in Tubing/Well Integrity Testing), attached is a daily status report. On 03/23/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 04/28/2012 the csg was pressured up to 1125 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 35 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 07, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/1/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 4 / 28 / 2012
Test conducted by: Wade Davis
Others present: _____

Ut 2012-025609

Well Name: <u>Pariette Bench Unit 4</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>4-7-9-19</u> Sec: <u>7</u> T <u>9</u> N/S R <u>19</u> E/W County: <u>Uintah</u> State: <u>Ut</u>		
Operator: <u>Wade Davis</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>33</u> psig	psig	psig
End of test pressure	<u>35</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1125</u> psig	psig	psig
5 minutes	<u>1125</u> psig	psig	psig
10 minutes	<u>1125</u> psig	psig	psig
15 minutes	<u>1125</u> psig	psig	psig
20 minutes	<u>1125</u> psig	psig	psig
25 minutes	<u>1125</u> psig	psig	psig
30 minutes	<u>1125</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Wade Davis

Daily Activity Report

Format For Sundry

PARIETTE 4-7-9-19

2/1/2012 To 6/30/2012

4/16/2012 Day: 1

NC #1 on 4/16/2012 - Move In NC#1, Spot Rig, Missing 1 Guyline Anchor, 1 Damaged Anchor. C/SDFN. - 1:30PM Move In NC#1, Spot Rig, Could Not R/U Due To 1 Guyline Anchor Missing, 1 Damage 6:00PM C/SDFN, 6:00PM 6:30PM C/Trvl. - 1:30PM Move In NC#1, Spot Rig, Could Not R/U Due To 1 Guyline Anchor Missing, 1 Damage 6:00PM C/SDFN, 6:00PM 6:30PM C/Trvl. - 1:30PM Move In NC#1, Spot Rig, Could Not R/U Due To 1 Guyline Anchor Missing, 1 Damage 6:00PM C/SDFN, 6:00PM 6:30PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$2,618

4/17/2012 Day: 2

Well Integrity Testing

NC #1 on 4/17/2012 - R/U NC#1, N/D W/-HD, N/U BOP, R/U R/Flr, Rel On Off Tool, C/W/C W/90 BW Xide. POOH W/Tbg Prod, On Off Tool, RIH W/-Pkr, Plg, Set Plg @3825', P/Tst Csg To 1,000 Psi, Good Tst, Rel Plg, Set Pkr, pmp 3 BW Thru Lower Pkr, Rel Pkr POOH W/-Pkr & Plg, RIH W/-On Off Tool, 121 Jts - 5:30AM-6:00AM C/Trvl, 6:00AM R/U NC#1. N/D W/-HD, N/U BOP, R/U R/Flr, Rel On Off Tool. R/U BMW H/Oiler Curc Well Cln W/-90 Bbls Biocide Fresh Wtr. (Note) H2S Was 500 PPM During Circulation. After Circulation 0- PPM. POOH W/-Tbg Production, On Off Tool. P/U & RIH W/-TS RBP, Ret HD, 2 3/8X2 7/8 XO, 2 7/8X4' Tbg Sub, 5 1/2 HD Pkr, S/N, 121 Jts Tbg, Set Plg @3825', Wtr Flow Stopped, POOH W/-1 Jt Tbg, R/U H/Oiler P/Test Csg To 1,000 Psi, Held Good. RIH W/-1 Jt Tbg To Plg, Rel Plg, POOH W/-1 Jt Tbg, Set Pkr @ 3798', R/U H/Oiler, Could pmp Thru Lower Pkr, 1/2 BPM @ 1,500 Psi, Rel Pkr, POOH W/-Tbg, S/N, Pkr & Plg. RIH W/-On Off Tool, S/N, 121 Jts Tbg, Turn Well Ovr To pumper Flow Tester To Flow Ovr Nite, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U NC#1. N/D W/-HD, N/U BOP, R/U R/Flr, Rel On Off Tool. R/U BMW H/Oiler Curc Well Cln W/-90 Bbls Biocide Fresh Wtr. (Note) H2S Was 500 PPM During Circulation. After Circulation 0- PPM. POOH W/-Tbg Production, On Off Tool. P/U & RIH W/-TS RBP, Ret HD, 2 3/8X2 7/8 XO, 2 7/8X4' Tbg Sub, 5 1/2 HD Pkr, S/N, 121 Jts Tbg, Set Plg @3825', Wtr Flow Stopped, POOH W/-1 Jt Tbg, R/U H/Oiler P/Test Csg To 1,000 Psi, Held Good. RIH W/-1 Jt Tbg To Plg, Rel Plg, POOH W/-1 Jt Tbg, Set Pkr @ 3798', R/U H/Oiler, Could pmp Thru Lower Pkr, 1/2 BPM @ 1,500 Psi, Rel Pkr, POOH W/-Tbg, S/N, Pkr & Plg. RIH W/-On Off Tool, S/N, 121 Jts Tbg, Turn Well Ovr To pumper Flow Tester To Flow Ovr Nite, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM R/U NC#1. N/D W/-HD, N/U BOP, R/U R/Flr, Rel On Off Tool. R/U BMW H/Oiler Curc Well Cln W/-90 Bbls Biocide Fresh Wtr. (Note) H2S Was 500 PPM During Circulation. After Circulation 0- PPM. POOH W/-Tbg Production, On Off Tool. P/U & RIH W/-TS RBP, Ret HD, 2 3/8X2 7/8 XO, 2 7/8X4' Tbg Sub, 5 1/2 HD Pkr, S/N, 121 Jts Tbg, Set Plg @3825', Wtr Flow Stopped, POOH W/-1 Jt Tbg, R/U H/Oiler P/Test Csg To 1,000 Psi, Held Good. RIH W/-1 Jt Tbg To Plg, Rel Plg, POOH W/-1 Jt Tbg, Set Pkr @ 3798', R/U H/Oiler, Could pmp Thru Lower Pkr, 1/2 BPM @ 1,500 Psi, Rel Pkr, POOH W/-Tbg, S/N, Pkr & Plg. RIH W/-On Off Tool, S/N, 121 Jts Tbg, Turn Well Ovr To pumper Flow Tester To Flow Ovr Nite, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$11,032

4/18/2012 Day: 3

Well Integrity Testing

NC #1 on 4/18/2012 - Latch Onto Pkr, Delsco RIH Tag Up @3980', plg not in tbg, inject 5 bw

d/tbg @1500 psi, Rel on off tool, pmp 61 Bbls Pkr fluid, N/D BOP, Latch Onto Pkr W/-on off Tool, Land tbg on hanger, N/U w/-HD, P/Tst csg to 1,000 psi, Psi Unstabilized, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM Latch On Off Tool On Pkr, R/U Delsco RIH To Depth Of 3980' Tag Solid, Tbg Plg Not In Tbg, Tbg EOT @ 3854'. R/U BMW H/Oiler To Tbg Inject 5 BW D/Tbg @ 1500 Psi, Rel On Off Tool, pmp 61 BW W/-20 Gal Pkr Fluid D/Csg, R/D R/Flr, N/D BOP, Latch Onto Pkr W/-On Off Tool, N/U W/-HD, P/Tst Csg & Pkr To 1200 Psi, Csg Psi Did Not Stabilize, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM Latch On Off Tool On Pkr, R/U Delsco RIH To Depth Of 3980' Tag Solid, Tbg Plg Not In Tbg, Tbg EOT @ 3854'. R/U BMW H/Oiler To Tbg Inject 5 BW D/Tbg @ 1500 Psi, Rel On Off Tool, pmp 61 BW W/-20 Gal Pkr Fluid D/Csg, R/D R/Flr, N/D BOP, Latch Onto Pkr W/-On Off Tool, N/U W/-HD, P/Tst Csg & Pkr To 1200 Psi, Csg Psi Did Not Stabilize, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM Latch On Off Tool On Pkr, R/U Delsco RIH To Depth Of 3980' Tag Solid, Tbg Plg Not In Tbg, Tbg EOT @ 3854'. R/U BMW H/Oiler To Tbg Inject 5 BW D/Tbg @ 1500 Psi, Rel On Off Tool, pmp 61 BW W/-20 Gal Pkr Fluid D/Csg, R/D R/Flr, N/D BOP, Latch Onto Pkr W/-On Off Tool, N/U W/-HD, P/Tst Csg & Pkr To 1200 Psi, Csg Psi Did Not Stabilize, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$20,392

4/19/2012 Day: 4

Well Integrity Testing

NC #1 on 4/19/2012 - No Tst. N/U BOP, C/W/C For Kill, POOH W/-Tbg Prod, Break & Redope Tool Jts, RIH W/-New On Off Tool New S/N, 121 Jts Tbg Prod, Drop SV, P/Tst Tbg, Leaked, Fish SV, Drop New SV, P/Tst Tbg To 3,000 Psi, Tbg Psi Not Stabilized, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1100 Psi On Csg, 1100 Psi On Tbg, Bleed Tbg Off, Csg Psi Drop Off To 60 Psi, No Test, N/D W/-HD, N/U BOP, P/U On Tbg, On Off Tool Was Not Latched Up, Csg Flowing. N/U BOP, H2S 100 PPM @ Well Head, R/U BMW H/Oiler, pmp 90 BW W/-Biocide D/Tbg For H2S Kill. 500 PPM In Return Tank, POOH W/-Production Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. RIH W/-New On Off Tool, New S/N, 121 Jts Tbg, pmp 15 BW Pad D/Tbg, Drop SV, SV Would Not pmp D/Tbg To S/N, Push SV To S/N W/-S/Line. P/Tst Tbg To 3,000 Psi, Leaking. R/U S/Line Ovshot RIH & Fish SV. Drop SV, Push SV To S/N W/-S/Line, P/Tst Tbg To 3,000 Psi, Tbg Unstabilized, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1100 Psi On Csg, 1100 Psi On Tbg, Bleed Tbg Off, Csg Psi Drop Off To 60 Psi, No Test, N/D W/-HD, N/U BOP, P/U On Tbg, On Off Tool Was Not Latched Up, Csg Flowing. N/U BOP, H2S 100 PPM @ Well Head, R/U BMW H/Oiler, pmp 90 BW W/-Biocide D/Tbg For H2S Kill. 500 PPM In Return Tank, POOH W/-Production Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. RIH W/-New On Off Tool, New S/N, 121 Jts Tbg, pmp 15 BW Pad D/Tbg, Drop SV, SV Would Not pmp D/Tbg To S/N, Push SV To S/N W/-S/Line. P/Tst Tbg To 3,000 Psi, Leaking. R/U S/Line Ovshot RIH & Fish SV. Drop SV, Push SV To S/N W/-S/Line, P/Tst Tbg To 3,000 Psi, Tbg Unstabilized, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1100 Psi On Csg, 1100 Psi On Tbg, Bleed Tbg Off, Csg Psi Drop Off To 60 Psi, No Test, N/D W/-HD, N/U BOP, P/U On Tbg, On Off Tool Was Not Latched Up, Csg Flowing. N/U BOP, H2S 100 PPM @ Well Head, R/U BMW H/Oiler, pmp 90 BW W/-Biocide D/Tbg For H2S Kill. 500 PPM In Return Tank, POOH W/-Production Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. RIH W/-New On Off Tool, New S/N, 121 Jts Tbg, pmp 15 BW Pad D/Tbg, Drop SV, SV Would Not pmp D/Tbg To S/N, Push SV To S/N W/-S/Line. P/Tst Tbg To 3,000 Psi, Leaking. R/U S/Line Ovshot RIH & Fish SV. Drop SV, Push SV To S/N W/-S/Line, P/Tst Tbg To 3,000 Psi, Tbg Unstabilized, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Finalized

Daily Cost: \$0

Cumulative Cost: \$27,730

4/20/2012 Day: 5

Well Integrity Testing

NC #1 on 4/20/2012 - 1900 Psi tbg,bmp tbg psi to 3100,Leaked,RIH Fish SV,Swab Tbg 4 Runs Cln ID Of Tbg,Flush Tbg,Drop New SV,P/Tst Tbg,Leaked,CWC W/100 Bbls X-Ide Wtr,Latch On Pkr,W/L Plg In X Nple,Rel O/Off Tool,Flush Tbg,Lach On Pkr,P/Tst Tbg To 3,000 Psi, Leaked, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1900 Psi On Tbg, Bleed Csg Off, Bump Tbg Psi To 3100 Psi 2 Times,Tbg Leaking. RIH W/-S/Line Ovrshot & Fish SV. R/U Swab RIH Made 6 Swab Runs To Clean ID Of Tbg Up Due To Silt & Trash In Tbg. Flush Tbg W/-22 BW,Drop New SV. P/Tst Tbg To 3,000 Psi, Leaked. RIH Fish SV. Curc Well Cln W/-100 Bbls Biocide Wtr For H2S Kill 500 + PPM,Latch On Pkr W/-On Off Tool. R/U Wireline RIH Set Plg In Tbg @3838' In X Nipple In Top Of Pkr. Rel On Off Tool. pmp 30 Bbls Fresh Wtr D/Tbg. Latch On Off Tool Onto Pkr, P/Test Tbg To 3,000 Psi, Tbg Leaked, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1900 Psi On Tbg, Bleed Csg Off, Bump Tbg Psi To 3100 Psi 2 Times,Tbg Leaking. RIH W/-S/Line Ovrshot & Fish SV. R/U Swab RIH Made 6 Swab Runs To Clean ID Of Tbg Up Due To Silt & Trash In Tbg. Flush Tbg W/-22 BW,Drop New SV. P/Tst Tbg To 3,000 Psi, Leaked. RIH Fish SV. Curc Well Cln W/-100 Bbls Biocide Wtr For H2S Kill 500 + PPM,Latch On Pkr W/-On Off Tool. R/U Wireline RIH Set Plg In Tbg @3838' In X Nipple In Top Of Pkr. Rel On Off Tool. pmp 30 Bbls Fresh Wtr D/Tbg. Latch On Off Tool Onto Pkr, P/Test Tbg To 3,000 Psi, Tbg Leaked, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1900 Psi On Tbg, Bleed Csg Off, Bump Tbg Psi To 3100 Psi 2 Times,Tbg Leaking. RIH W/-S/Line Ovrshot & Fish SV. R/U Swab RIH Made 6 Swab Runs To Clean ID Of Tbg Up Due To Silt & Trash In Tbg. Flush Tbg W/-22 BW,Drop New SV. P/Tst Tbg To 3,000 Psi, Leaked. RIH Fish SV. Curc Well Cln W/-100 Bbls Biocide Wtr For H2S Kill 500 + PPM,Latch On Pkr W/-On Off Tool. R/U Wireline RIH Set Plg In Tbg @3838' In X Nipple In Top Of Pkr. Rel On Off Tool. pmp 30 Bbls Fresh Wtr D/Tbg. Latch On Off Tool Onto Pkr, P/Test Tbg To 3,000 Psi, Tbg Leaked, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$36,923

4/23/2012 Day: 6

Well Integrity Testing

NC #1 on 4/23/2012 - OWU,Rel OnOff Tool,pooh w/-tbg Prod, RIH W/-On Off Tool,S/N W/Std Vlve In Place, 121 Jts Tbg, P/Tst Tbg To 3,000 Psi, Could Not Get Tbg To Tst Due To Foam & Air In Tbg. Curc Well Cln W/100 Bbls Fresh Wtr, P/Tst Tbg, Tbg Unstabilized.C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , POOH W/-121 Jts Tbg, S/N, On Off Tool. RIH W/-On Off Tool, S/N, W/-Std Vlve In Place, 1 Jt Tbg, P/Tst Tbg To 3,000 Psi, No Tst. POOH W/-1 Jt, Pull SV Out Of S/N, Bull Plg S/N, P/Test S/N, 1 Jt Tbg, Good Tst. Pull Bull Plg, Make Up On Off Tool, Set New S/V In Place, P/Tst Tbg SV, S/N 1 Jt Tbg To 3,000 Psi, Good Test 10 Min, Watching EOT Visually. No Leaks Or Drips. RIH W/-On Off Tool, S/N , 121 Jts Tbg, P/Tst In Hole To 3,000 Psi, No Test Alot Of Foam & Air In Tbg. R/U H/Oiler To Csg, Curc 120 Bbls Fresh WtrD/Csg. P/Test Tbg To 3100 Psi, Tbg Psi Did Not Stabilize, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , POOH W/-121 Jts Tbg, S/N, On Off Tool. RIH W/-On Off Tool, S/N, W/-Std Vlve In Place, 1 Jt Tbg, P/Tst Tbg To 3,000 Psi, No Tst. POOH W/-1 Jt, Pull SV Out Of S/N, Bull Plg S/N, P/Test S/N, 1 Jt Tbg, Good Tst. Pull Bull Plg, Make Up On Off Tool, Set New S/V In Place, P/Tst Tbg SV, S/N 1 Jt Tbg To 3,000 Psi, Good Test 10 Min, Watching EOT Visually. No Leaks Or Drips. RIH W/-On Off Tool, S/N , 121 Jts Tbg, P/Tst In Hole To 3,000 Psi, No Test Alot Of Foam & Air In Tbg. R/U H/Oiler To Csg, Curc 120 Bbls Fresh WtrD/Csg. P/Test Tbg To 3100 Psi, Tbg Psi Did Not Stabilize, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU , POOH W/-121 Jts Tbg, S/N, On Off Tool. RIH W/-On Off Tool, S/N, W/-Std Vlve In Place, 1 Jt Tbg, P/Tst Tbg To 3,000 Psi, No Tst. POOH W/-1 Jt, Pull SV Out Of S/N, Bull Plg S/N, P/Test S/N, 1 Jt Tbg, Good Tst. Pull Bull Plg, Make Up On Off Tool, Set New S/V In Place, P/Tst Tbg SV, S/N 1 Jt Tbg To 3,000 Psi, Good Test 10 Min, Watching EOT Visually. No Leaks Or Drips. RIH W/-On Off Tool, S/N , 121 Jts Tbg, P/Tst In Hole To 3,000 Psi, No Test Alot Of Foam & Air In Tbg. R/U H/Oiler To Csg, Curc 120 Bbls Fresh WtrD/Csg. P/Test Tbg To 3100 Psi, Tbg Psi Did Not Stabilize, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$45,228

4/24/2012 Day: 7

Well Integrity Testing

NC #1 on 4/24/2012 - 2300 Psi On Tbg Lost 800 Psi Ovr Night, Bmp Tbg Psi To 3,000 Psi, Would Not Test, TOO H W/ Tbg Changing Collars - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/2300 Psi On Tbg, Lost 800 Psi Ovr Night. R/U BMW H/OilerBump Tbg Psi To 3,000 Psi , Bleed Off To 2800, Bump Back Up Three More Times, Tbg Psi Did Not Stabilize, Wait On Tbg Collars, Pull S/V, POOH W/20 Jts Tbg Changing Collars, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/2300 Psi On Tbg, Lost 800 Psi Ovr Night. R/U BMW H/OilerBump Tbg Psi To 3,000 Psi , Bleed Off To 2800, Bump Back Up Three More Times, Tbg Psi Did Not Stabilize, Wait On Tbg Collars, Pull S/V, POOH W/20 Jts Tbg Changing Collars, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/2300 Psi On Tbg, Lost 800 Psi Ovr Night. R/U BMW H/OilerBump Tbg Psi To 3,000 Psi , Bleed Off To 2800, Bump Back Up Three More Times, Tbg Psi Did Not Stabilize, Wait On Tbg Collars, Pull S/V, POOH W/20 Jts Tbg Changing Collars, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl **Finalized**

Daily Cost: \$0

Cumulative Cost: \$60,693

4/25/2012 Day: 8

Well Integrity Testing

NC #1 on 4/25/2012 - TOO H Changing Tbg Collars & Re-dope Each Connection. TIH, Pmp Pad, Drop S/V, Push S/V To S/N, Psr Tst To 3000psi, Tst Good, Latch Onto Pkr & N/U W/H-D, Tst Cst & Pkr. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, No Prs On Tbg Or Csg, TOO H Changing Out Collars(121 Total), & Re-dope Each Connection, TIH W/-On Off Tool, S/N , 121 Jts Tbg, Pmp 15 BW, Drop S/V, Fill W/ 25 BW, R/U S/L & Push S/V To S/N, Psr Tbg To 3000psi, Tst Good For 1 Hour, R/U S/L, Fish S/V, R/D Tbg Eqp, N/D BOPs, Latch Onto Arrow Pkr W/ On/Off Tool, N/U W/H-D, Psr Test Csg & Pkr To 1200 Psi, Bleed Off To 1100psi, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, No Prs On Tbg Or Csg, TOO H Changing Out Collars(121 Total), & Re-dope Each Connection, TIH W/-On Off Tool, S/N , 121 Jts Tbg, Pmp 15 BW, Drop S/V, Fill W/ 25 BW, R/U S/L & Push S/V To S/N, Psr Tbg To 3000psi, Tst Good For 1 Hour, R/U S/L, Fish S/V, R/D Tbg Eqp, N/D BOPs, Latch Onto Arrow Pkr W/ On/Off Tool, N/U W/H-D, Psr Test Csg & Pkr To 1200 Psi, Bleed Off To 1100psi, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, No Prs On Tbg Or Csg, TOO H Changing Out Collars(121 Total), & Re-dope Each Connection, TIH W/-On Off Tool, S/N , 121 Jts Tbg, Pmp 15 BW, Drop S/V, Fill W/ 25 BW, R/U S/L & Push S/V To S/N, Psr Tbg To 3000psi, Tst Good For 1 Hour, R/U S/L, Fish S/V, R/D Tbg Eqp, N/D BOPs, Latch Onto Arrow Pkr W/ On/Off Tool, N/U W/H-D, Psr Test Csg & Pkr To 1200 Psi, Bleed Off To 1100psi, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$68,573

4/26/2012 Day: 9

Well Integrity Testing

NC #1 on 4/26/2012 - Psr Tst Csg & Pkr(Tst Good), Fish Plg W/ PLS Wire Line, R/D & M/O NC#1. Final Report - 5:30AM-6:00AM C/Trvl, 6:00AM Psr On Csg @ 1060, Tst Good For One Hour, R/U PLS & Fish Plg (1190PSI Below Plg), R/D PLS, R/D & Move Out NC#1 @ 11:00 AM (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM Psr On Csg @ 1060, Tst Good For One Hour, R/U PLS & Fish Plg (1190PSI Below Plg), R/D PLS, R/D & Move Out NC#1 @ 11:00 AM (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM Psr On Csg @ 1060, Tst Good For One Hour, R/U PLS & Fish Plg (1190PSI Below Plg), R/D PLS, R/D & Move Out NC#1 @ 11:00 AM (Final

Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$85,909

4/27/2012 Day: 10

Well Integrity Testing

NC #1 on 4/27/2012 - Flow well back - Flow well back - Flow well back - Flow well back

Finalized

Daily Cost: \$0

Cumulative Cost: \$92,658

4/30/2012 Day: 11

Well Integrity Testing

Rigless on 4/30/2012 - Conduct MIT - On 03/23/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 04/28/2012 the csg was pressured up to 1125 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 35 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569 - On 03/23/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 04/28/2012 the csg was pressured up to 1125 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 35 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569 - On 03/23/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 04/28/2012 the csg was pressured up to 1125 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 35 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$93,558

Pertinent Files: [Go to File List](#)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAY 09 2012

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2595-7222
RETURN RECEIPT REQUESTED

RECEIVED

MAY 14 2012

DIV. OF OIL, GAS & MINING

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

9S 19E 7
Re: Underground Injection Control (UIC)
Permission to Resume Injection
Pariette Bench 4-7-9-19 Well
EPA ID# UT20676-02569
API #43-047-15681
Pariette Bench Oil Field
Duchesne County, UT

Dear Mr. Horrocks:

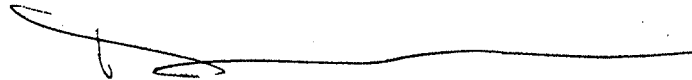
On May 7, 2012, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover to address a tubing leak and the followup mechanical integrity test (MIT) conducted on April 28, 2012. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before April 28, 2017.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Richard Jenks, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

John Rogers
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED
JUN 18 2012
DIV. OF OIL, GAS & MINING

JUN 13 2012

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2598-1432
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

9S 19E 7
Re: Underground Injection Control (UIC)
Permission to Resume Injection
Pariette Bench 4-7-9-19 Well
EPA ID# UT20676-02569
API # 43-047-15681
Pariette Bench Oil Field
Duchesne County, UT

Dear Mr. Horrocks:

On June 8, 2012, the Environmental Protection Agency (EPA) learned that the Newfield Exploration Company injection well referenced above lost mechanical integrity on June 7, 2012. Pursuant to the above-referenced UIC Permit and Title 40 of the Code of Federal Regulations Section 144.51(q)(1) (40 C.F.R. §144.51(q)(1)), you must establish and maintain mechanical integrity. A loss of mechanical integrity is a violation of this requirement.

Pursuant to the above-referenced UIC Permit and the regulations at 40 C.F.R. §144.51(q)(2), you must immediately cease injection into this well. Before injection may resume, you must demonstrate that the well has mechanical integrity by passing a mechanical integrity test (MIT). You must also receive written authorization from the EPA.

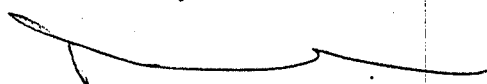
Within thirty (30) days of receipt of this letter, please submit a letter describing what action you intend to take regarding the well, including a time frame in which you anticipate the work to be completed. It is expected that you will return this well to compliance within ninety (90) days of the loss of mechanical integrity.

If you choose to plug and abandon this well, a plugging and abandonment plan must be submitted to EPA for approval prior to the plugging operation.

Failure to comply with the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitutes one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Richard Jenks, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

John Rogers
Utah Division of Oil, Gas and Mining
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Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
1. TYPE OF WELL Water Disposal Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: PARIETTE BENCH U 4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047156810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: PARIETTE BENCH
COUNTY: Uintah		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/3/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (casing leak). On 06/07/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 08/03/2012 the csg was pressured up to 1325 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 28, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/9/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 7/26/12Test conducted by: Jared Robinson

Others present: _____

Well Name: <u>Pasquette Ranch Unit #1 4-7-9-19</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>			
Location: <u>SW/SE</u>	Sec: <u>7</u>	T <u>9</u> N <u>10</u> R <u>19</u> E/W	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield</u>			
Last MIT: <u>/ /</u>		Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test?

☐ Yes ☒ No

Initial test for permit?

☐ Yes ☒ No

Test after well rework?

☒ Yes ☐ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

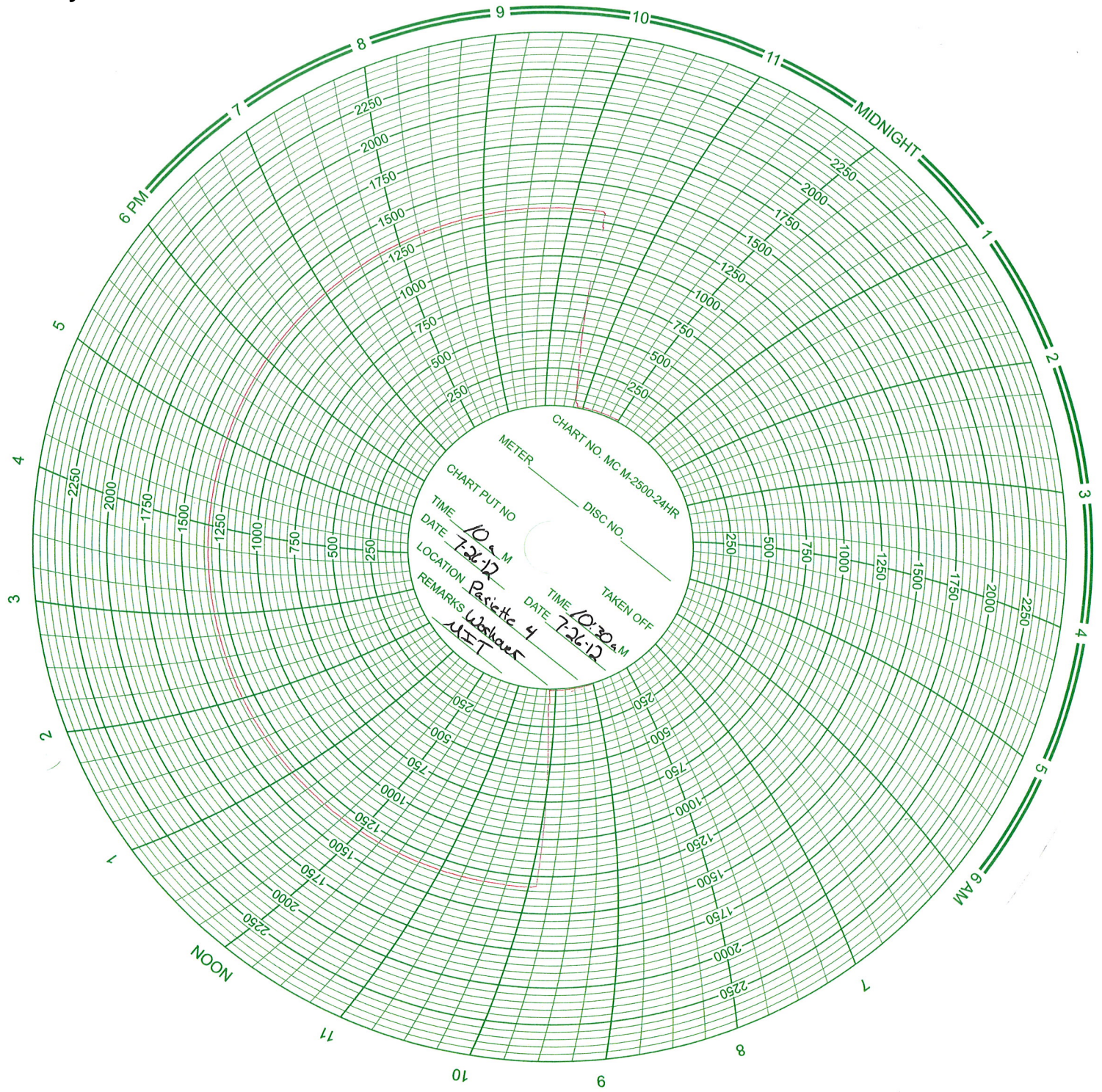
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1325</u> psig	psig	psig
5 minutes	<u>1325</u> psig	psig	psig
10 minutes	<u>1325</u> psig	psig	psig
15 minutes	<u>1325</u> psig	psig	psig
20 minutes	<u>1325</u> psig	psig	psig
25 minutes	<u>1325</u> psig	psig	psig
30 minutes	<u>1325</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Spud Date: 3/3/63

Completed: 4/11/63

GL: 4758' KB: 4769'

Pariette Bench 4-7-9-19 (SWD)

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: H-40

WEIGHT: 24#

DEPTH LANDED: 404' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: Cement to surface w/ 250 sxs w/ 1-1/2% CaCl

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

DEPTH LANDED: 5119' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 150 sxs 50/50 POZ.

(10/77 Squeezed perforations and annulus w/ 200 sx Class "G")

CEMENT TOP @ 3350 per CBL 10/29/77

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TUBING SUB: 1 jt 2-7/8" (8.0)

NO. OF JOINTS: 121 jts (3816.9')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 3835.9' KB

RETRIEVING HEAD: (1.5') AT: 3837.0'

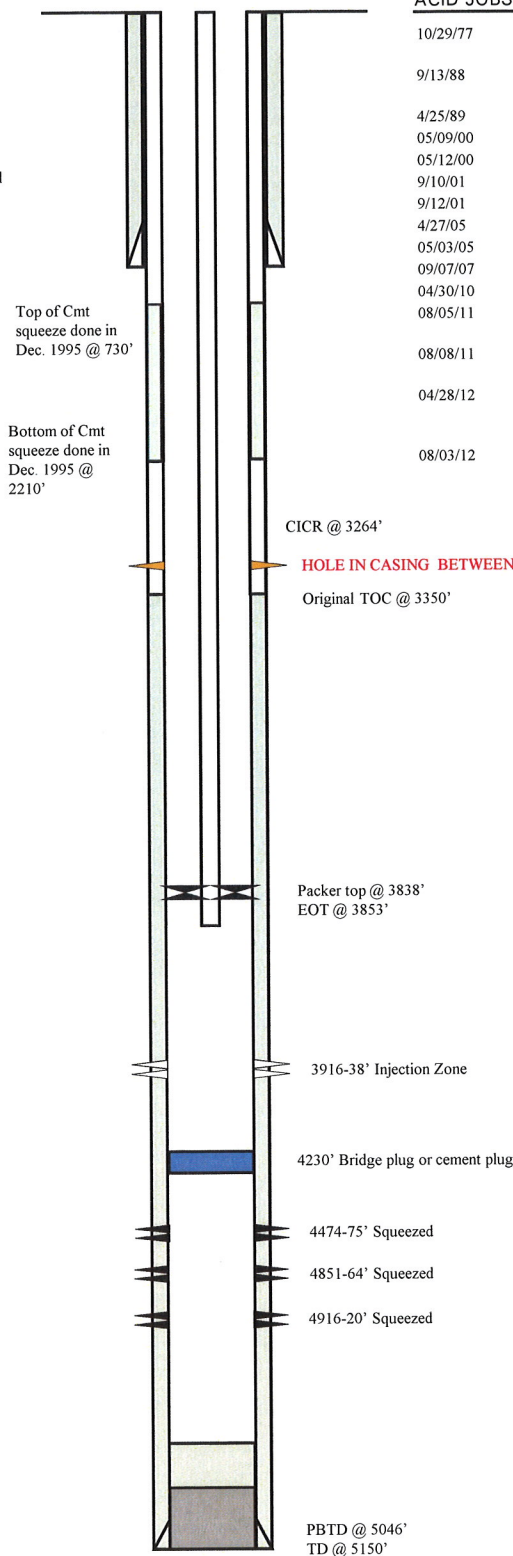
PACKER: 3838.5'

XO 1 jt / 2-3/8" (0.5)

TUBING PUP: 2-3/8" / J-55 @ 3846'

XN NIPPLE: (1.1')

TOTAL STRING LENGTH: EOT @ 3853'

Injection
Wellbore DiagramACID JOBS

10/29/77	Acidize w/ 3800 gal 7.5% HCl, ISIP 1300#.
9/13/88	Acidize w/500 gal 15% HCl, ATP 1700#, ISIP 1410#.
4/25/89	Acidize w/500 gal 15% HCl.
05/09/00	Packer Leak
05/12/00	MIT Completed
9/10/01	Tubing leak. Prep for MIT.
9/12/01	Workover MIT Completed
4/27/05	Wellhead Leak
05/03/05	MIT Completed
09/07/07	Plugged Tbg
04/30/10	5 YR MIT Completed
08/05/11	Major WorkOver - Hole in Csg - Cmt Squeeze w/ 200 sxs Class "G" Cmt.
08/08/11	Workover MIT Completed - WBD updated
04/28/12	Workover - Hole in Tubing / Well Integrity Testing. MIT Finalized - update tbg detail
08/03/12	Workover - casing leak - MIT Finalized - update tbg detail

PERFORATION RECORD

3916'-3938'	2 SPF	Injection Zone
4474'-4475'	4 SPF	Squeezed
4851'-4864'	4 SPF	Squeezed
4916'-4920'	4 SPF	Squeezed
Squeezed 4474-4475' w/ 75 sxs w/ 3/4% halad - B added (aprox. 10/77)		
Squeezed 4851-4864' and 4916-4920' w/ 200 sxs Class "G" (aprox. 10/77)		

NEWFIELD



Pariette Bench 4-7-9-19 (SWD)

660' FSL & 1960' FEL

SWSE Section 7-T9S-R19E

Uintah Co, Utah

API# 43-047-15681 Lease #UTU-017992



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8ENF-UFO

AUG 27 2012

RECEIVED

AUG 30 2012

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL 7009-3410-0000-2598-1661
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Pariette Bench 4 -7-9-19 Well
EPA ID# UT20676-02569
API # 43-047-15681
Pariette Bench Field
Duchesne County, UT

9S 19E 7

Dear Mr. Horrocks:

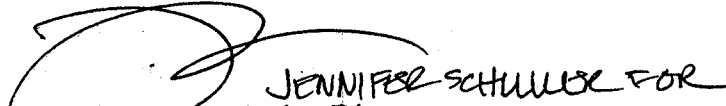
On August 14, 2012, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover to address a casing leak and the followup mechanical integrity test (MIT) conducted on August 3, 2012. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before August 3, 2017.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,


Darcy O'Connor, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Reannin Tapoof, Assistant
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Richard Jenks, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

John Rogers
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017992
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Disposal Well		8. WELL NAME and NUMBER: PARIETTE BENCH U 4
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43047156810000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: PARIETTE BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 09.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/14/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:
		<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Workover MIT"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (Casing Leak), attached is a daily status report. On 11/05/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 11/14/2012 the csg was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1430 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 November 19, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 11/16/2012

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 11 / 14 / 12Test conducted by: Wade DavisOthers present: Henneth Yager

Well Name: Puriette #4-7-8-19 Type: ER SWD Status: AC TA UC
Field: Greater Monument Butte
Location: _____ Sec: 7 T 9 N 10 R 19 E W County: Utah State: Ut
Operator: Newfield
Last MIT: _____ / _____ / _____ Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? ☐ Yes ☒ NoInitial test for permit? ☐ Yes ☒ NoTest after well rework? ☒ Yes ☐ NoWell injecting during test? ☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

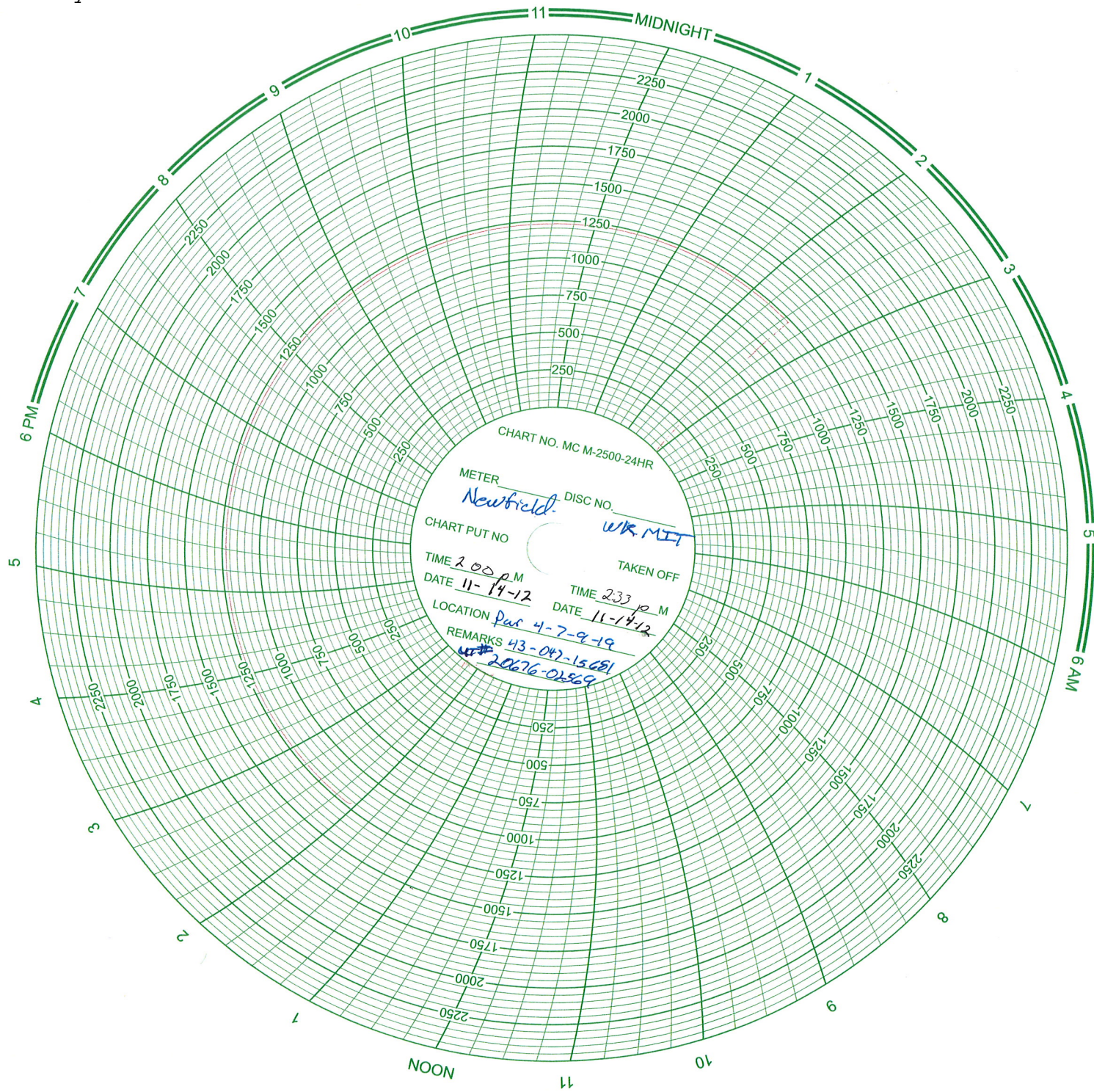
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1430</u> psig	psig	psig
End of test pressure	<u>1430</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1225</u> psig	psig	psig
5 minutes	<u>1225</u> psig	psig	psig
10 minutes	<u>1225</u> psig	psig	psig
15 minutes	<u>1225</u> psig	psig	psig
20 minutes	<u>1225</u> psig	psig	psig
25 minutes	<u>1225</u> psig	psig	psig
30 minutes	<u>1225</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



tool- set pkr @ 3764'- prs tst tbq & tools 2360psi - 2bw to fill- lost 40psi in 15min- held prs @ 2320psi for 15min- gt- prs tst csg 1460psi- 5bw to fill- lost 40psi in 30min- - rih 119jts- s/n- pkr- xo- s/n- s/n- on/off tool- set pkr @ 3764'- prs tst tbq & tools 2360psi - 2bw to fill- lost 40psi in 15min- held prs @ 2320psi for 15min- gt- prs tst csg 1460psi- 5bw to fill- lost 40psi in 30min- - j off pkr- pooh & tally 1jt- 2'sub- 120jts- s/n- on/off tool - j off pkr- pooh & tally 1jt- 2'sub- 120jts- s/n- on/off tool - j off pkr- flush csg 100bw w/pkr fluid- 12:15pm n/d Weatherford bop- j on pkr- 1:15pm n/u wh- hgr- 1jt- 2'sub- 120jts- s/n- on/off tool- pkr- prs tst csg 970psi- 1:30pm r/u & rih wl- retrieve plug- pooh & r/d wl- gt on csg no loss in 30min- bleed off csg- drain & rack out rig pmp- sdfd due to wind - j off pkr- flush csg 100bw w/pkr fluid- 12:15pm n/d Weatherford bop- j on pkr- 1:15pm n/u wh- hgr- 1jt- 2'sub- 120jts- s/n- on/off tool- pkr- prs tst csg 970psi- 1:30pm r/u & rih wl- retrieve plug- pooh & r/d wl- gt on csg no loss in 30min- bleed off csg- drain & rack out rig pmp- sdfd due to wind - 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Daily Cost: \$0

Cumulative Cost: \$30,406

11/15/2012 Day: 4

Casing Leak

Rigless on 11/15/2012 - Conduct MIT - On 11/05/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 11/14/2012 the csg was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1430 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20676-02569 - On 11/05/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 11/14/2012 the csg was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1430 psig during the test. There

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Daily Cost: \$0

Cumulative Cost: \$31,306

Pertinent Files: [Go to File List](#)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

DEC 04 2012

RECEIVED

DEC 07 2012

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2599-7549
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Pariette Bence 4-7-9-19 Well
EPA ID# UT20676-02569
API # 43-047-15681
Pariette Bench Oil Field
Duchesne County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

9S 19E 7

Dear Mr. Horrocks:

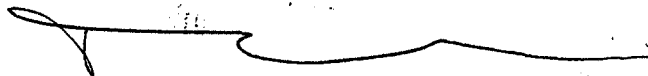
On November 26, 2012, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover and the follow up mechanical integrity test (MIT) conducted on November 14, 2012. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before November 14, 2017.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056.
Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Reannin Tapoof, Assistant
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Richard Jenks, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

John Rogers
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



**ENSERCH
EXPLORATION INC**

One United Center
1700 Lincoln Street, Suite 3600
Denver, Colorado 80203
303-831-1616

RECEIVED

JUL 26 1985

July 23, 1985

DIVISION OF OIL
& GAS & MINING

U. S. Department of the Interior
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Attn: Mr. Wayne Svejnoha

Re: Permit to Dispose of
Produced Water
Monument Butte Federal #1-3 143-013-30642
NW SW Section 3, T9S, R17E (W1W)
Duchesne County, Utah
Lease No. U-44044

Gentlemen:

In accordance with Federal Regulation NTL-2B, E P Operating Co. respectfully requests permission to dispose of produced water from our Monument Butte Federal #1-3 well, Duchesne County, Utah, into Diamond Shamrock Exploration Co. Pariette Bench #4 well. This well is located in Section 7, T9S, R19E, Uintah County, Utah.

43-047-15681 WDW

The water produced is approximately 1 barrel per day from the Green River formation. Copy of the water analysis is attached.

Thank you,

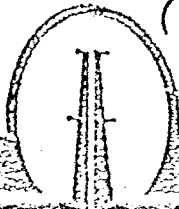
Danny E. Hagins
Danny E. Hagins
District Production Superintendent

DEH/tjr

Encl.

cc: State of Utah ✓
Diamond Shamrock Exploration Co.
P.O. Drawer E
Vernal, Utah 84078
Attn: Robert Michelotti

Managing General Partner of E P Operating Company, A Limited Partnership.



Hinta Research and Analytical Services

BSS ✓
LOM ✓
Well FILE ✓

PO BOX 1418 - COOSONVILLE, UT 84002

James F. Smith

WATER ANALYSIS REPORT

(801) 722-2532

COMPANY ENSEARCH EXPLORATION CO. ADDRESS Vernal, Ut. DATE 12-7-82
SOURCE Monument Butte 1-3 DATESAMPLED 11-6-82 ANALYSISNO. W-320

Analysis	Mg/L	*Meq/L
1. PH <u>7.60</u>		
2. H ₂ S (Qualitative) <u></u>		
3. Specific Gravity <u>1.015</u>		
4. Dissolved Solids <u>69232.18</u>		
5. Suspended Solids <u></u>		
6. Phenolphthalein Alkalinity (CaCO ₃) <u>0</u>		
7. Methyl Orange Alkalinity (CaCO ₃) <u>1250</u>		
8. Bicarbonate (HCO ₃) <u>1525</u>	÷ 61	<u>25.00</u>
9. Chlorides (Cl) <u>10457.75</u>	÷ 35.5	<u>1139.65</u>
10. Sulfates (SO ₄) <u>380.00</u>	÷ 48	<u>7.92</u>
11. Calcium (Ca) <u>81.60</u>	÷ 20	<u>4.08</u>
12. Magnesium (Mg) <u>47.63</u>	÷ 12.2	<u>3.90</u>
13. Total Hardness (CaCO ₃) <u>100</u>		
14. Total Iron (Fe) <u>0.1</u>		
15. Barium (Qualitative) <u></u>		
16. Conductivity <u>45000</u>	mmhos	<u>382,550</u>
*Milli equivalents per liter	02 RHO <u>22</u>	C

PROBABLE MINERAL COMPOSITION

Ca	←	HCO ₃	25.00	Compound	Equiv. Wt. X	Meq/L	Mg/L
Mg	→	SO ₄	7.92	Ca (HCO ₃) ₂	81.04	4.08	330.61
Na	→	Cl	1139.65	Ca SO ₄	68.07	0	0
				Ca Cl ₂	55.50	0	0
				Mg (HCO ₃) ₂	73.17	3.90	285.36
				Mg SO ₄	60.19	0	0
				Mg Cl ₂	47.62	0	0
				Na HCO ₃	84.00	17.02	1429.68
				Na ₂ SO ₄	71.03	7.92	562.56
				Na Cl	58.46	1139.65	66623.91

Saturation Values Distilled Water 20°C
Ca CO₃ 13 Mg/L
Ca SO₄ · 2H₂O 2.090 Mg/L
Mg CO₃ 103 Mg/L

Remarks: _____



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
www.epa.gov/region08

FEB - 8 2016

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

7 95 19E

J.D. Horrocks, Water Superintendent
Newfield Production Company
10530 South County Road 33
Myton, Utah 84052

Re: Final Permit UT20676-02569 for the Pariette Bench No. 4 Salt Water Disposal Well,
API No. 43-047-15681, Monument Butte Field, Uinta County, Utah

Dear Mr. Horrocks:

Enclosed is the Final Underground Injection Control (UIC) Permit UT20676-02569 for the Pariette Bench No. 4 Salt Water Disposal well, located within the Uinta and Ouray Indian Reservation in Uinta County, Utah. A Statement of Basis, which is a discussion of technical issues the Environmental Protection Agency Region 8 considered during the development of the Final Permit, is also enclosed.

The draft permit decision was signed on December 21, 2015, and public notice was given on the EPA's website for 30 days, ending on January 21, 2016. Announcements of the public comment period were also published in the *Vernal Express* and the *Uinta Basin Standard* newspapers. The EPA received no comments during the public comment period and Final UIC Permit UT20676-02569 is therefore effective upon the signature date.

If you have any questions concerning the Final UIC Permit or Statement of Basis, please contact Jason Deardorff of my staff at (800) 227-8917, extension 312-6583 or (303) 312-6583.

Sincerely,

Darcy O'Connor
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures

cc: Uintah & Ouray Business Committee:
Shaun Chapoose, Chairman
Edred Secakuku, Vice-Chairman
Reannin Tapoof, Executive Assistant

Antonio Pingree
Acting Superintendent
Bureau of Indian Affairs, Uintah & Ouray Indian Agency

Bart Powaukee
Environmental Director
Ute Indian Tribe

Robin Hansen
Petroleum Geologist
Bureau of Land Management, Vernal Field Office

Brad Hill
Oil and Gas Permitting Manager
Utah Division of Oil, Gas, and Mining

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL**



Final Permit UT20676-02569

Class II-D (disposal) Injection Well Permit for the Pariette Bench No. 4 Salt Water
Disposal Well Located within the Uinta and Ouray Indian Reservation, Utah

Issued To

Newfield Production Company
10530 South County Road 33
Myton, Utah 84052

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Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

Newfield Production Company
10530 South County Road 33
Myton, Utah 84052,

is authorized to construct and to operate the following Class II injection well or wells:

Pariette Bench No. 4 SWD
600' FSL and 1,960' FEL, SWSE S7, T9S, R19E
Uinta County, UT

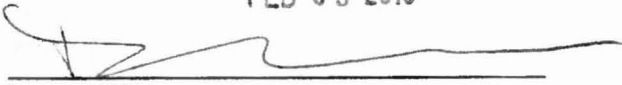
EPA regulates the injection of fluids into injection wells so that injection does not endanger underground sources of drinking water (USDWs). EPA UIC Permit conditions are based on authorities set forth at 40 CFR Parts 144 and 146, and address potential impacts to USDWs.

Under 40 CFR Part 144, Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General permit conditions for which the content is mandatory and not subject to site-specific differences are not discussed in this document. Issuance of this Permit does not convey any property rights of any sort or any exclusive privilege, nor does it authorize injury to persons or property or invasion of other private rights, or any infringement of other Federal, State or local laws or regulations (40 CFR §144.35). An EPA UIC Permit may be issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR §144.39, 144.40 and 144.41, and may be reviewed at least once every five (5) years to determine if action is required under 40 CFR §144.36(a).

This Permit is issued for the life of the well(s) unless modified, revoked and reissued, or terminated under 40 CFR §144.39 or 144.40. This EPA Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for a UIC Program is delegated to an Indian Tribe or State. Upon the effective date of delegation, reports, notifications, questions and other correspondence should be directed to the Indian Tribe or State

Issue Date: FEB 08 2016

Effective Date: FEB 08 2016


Darcy O'Connor
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

PART II. SPECIFIC PERMIT CONDITIONS

Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

1. Casing and Cement.

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

2. Injection Tubing and Packer.

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

3. Sampling and Monitoring Devices.

The Permittee shall install and maintain in good operating condition:

- (a) a "tap" at a conveniently accessible location on the injection flow line between the pumphouse or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and
- (b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:
 - (i) on the injection tubing; and
 - (ii) on the tubing-casing annulus (TCA); and
- (c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure (MAIP) specified in APPENDIX C is reached at the wellhead; and
- (d) a non-resettable cumulative volume recorder attached to the injection line.

4. Well Logging and Testing

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs

and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

5. *Postponement of Construction or Conversion*

At the time of issuance of this Permit, the Pariette Bench No. 4 injection well has been previously constructed as a rule authorized well and is operational.

6. *Workovers and Alterations*

Workovers and alterations to the injection well shall meet all conditions of this Permit. Workovers include well stimulation such as hydraulic fracturing, polymer gel injection and the delivery of acid to the injection zone formation and do not include the temporary filling of the wellbore with acid to descale tubing and casing. Prior to beginning any addition, physical alteration or workover activity that may affect the tubing, packer or casing, the Permittee shall give advance notice to the Director. Such notice may be given via email correspondence, faxed letter or post.

The Permittee shall record all workovers and changes to well construction on a Well Rework Record (EPA Form 7520-12) and when appropriate, provide an updated well bore diagram, and shall provide this and any other record of well workover, including monitoring, logging or test data to the Director within 30 calendar days of completion of the activity. A successful demonstration of Part I (internal) mechanical integrity is required following the completion of any well workover or alteration which affects the casing, tubing, or packer.

Injection operations shall not be resumed until the well has successfully demonstrated Part I mechanical integrity, and if the well lost mechanical integrity, the Director has provided written notice.

Section B. MECHANICAL INTEGRITY

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

- (a) There is no significant leak in the casing, tubing, or packer (Part I); and
- (b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

1. *Demonstration of Mechanical Integrity (MI).*

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are

not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test.

2. Mechanical Integrity Test Methods and Criteria

EPA-approved methods shall be used to demonstrate mechanical integrity. Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are available from EPA and will be provided upon request.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

3. Notification Prior to Testing.

The Permittee shall notify the Director at least seven calendar days prior to any mechanical integrity test unless the mechanical integrity test is conducted after a well construction, well conversion, or a well rework, in which case any prior notice is sufficient. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

4. Loss of Mechanical Integrity.

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit) and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in. Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan. Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

A demonstration of mechanical integrity shall be re-established within 90 days of any loss of mechanical integrity unless written approval of an alternate time period has been given by the Director.

Section C. WELL OPERATION

Injection between the outermost casing string protecting USDWs and the wellbore is prohibited.

1. Requirements Prior to Commencing Injection.

There are no prior to commencing injection requirements. At the time of Permit issuance, the Pariette Bench No. 4 well is an active injection well.

2. Injection Interval.

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

3. Injection Pressure Limitation

- (a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injection or formation fluids into a USDW.
- (b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permittee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

4. Injection Volume Limitation.

Injection volume is limited to the total volume specified in APPENDIX C.

5. Injection Fluid Limitation.

Injected fluids are limited to those which are brought to the surface in connection with conventional oil or natural gas production and may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). The well also may be used to inject approved Class II wastes brought to the surface such as drilling fluids and spent well completion, treatment and stimulation fluids. Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved. This well is NOT approved for commercial brine or other fluid disposal operation.

6. Tubing-Casing Annulus (TCA)

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Monitoring Parameters, Frequency, Records and Reports.

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

- (a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis; and
- (b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis; and
- (c) the analytical techniques or methods used for analysis.

2. Monitoring Methods.

- (a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.
- (b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.
- (c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.
- (d) Pressures are to be measured in pounds per square inch (psi).
- (e) Fluid volumes are to be measured in standard oil field barrels (bbl).
- (f) Fluid rates are to be measured in barrels per day (bbl/day).

3. Records Retention.

- (a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended any time prior to its expiration by request of the Director.
- (b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.

4. Annual Reports.

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D. The report of fluids injected during the year must identify each new fluid source by well name and location, and the field name or facility name.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

Section E. PLUGGING AND ABANDONMENT

1. Notification of Well Abandonment, Conversion or Closure.

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and

abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

2. *Well Plugging Requirements*

Prior to abandonment, the injection well shall be plugged with cement in a manner which isolates the injection zone and prevents the movement of fluids into or between underground sources of drinking water, and in accordance with 40 CFR 146.10 and other applicable Federal, State or local law or regulations. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director.

3. *Approved Plugging and Abandonment Plan.*

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging and abandonment.

4. *Forty Five (45) Day Notice of Plugging and Abandonment.*

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abandonment plan.

5. *Plugging and Abandonment Report.*

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

- (a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or
- (b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

6. *Inactive Wells.*

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

- a) Provides written notice to the Director;
- (b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other

permit requirements designed to protect USDWs; and

- (c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

PART III. CONDITIONS APPLICABLE TO ALL PERMITS

Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of any other Federal, State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

Section B. CHANGES TO PERMIT CONDITIONS

1. *Modification, Reissuance, or Termination.*

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

2. *Conversions.*

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

3. *Transfer of Permit.*

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may

be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

4. Permittee Change of Address.

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

5. Construction Changes, Workovers, Logging and Testing Data

The Permittee shall give advance notice to the Director prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging, or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this Permit) shall be made prior to resuming injection activities.

Section C. SEVERABILITY

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

Section D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

Section E. GENERAL PERMIT REQUIREMENTS

1. Duty to Comply.

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

2. Duty to Reapply.

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration

date.

3. *Need to Halt or Reduce Activity Not a Defense.*

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

4. *Duty to Mitigate.*

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

5. *Proper Operation and Maintenance.*

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

6. *Permit Actions.*

This Permit may be modified, revoked and reissued or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. *Property Rights.*

This Permit does not convey any property rights of any sort, or any exclusive privilege.

8. *Duty to Provide Information.*

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

9. *Inspection and Entry.*

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

10. Signatory Requirements.

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

11. Reporting Requirements.

- (a) **Planned changes.** The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.
- (b) **Anticipated noncompliance.** The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Monitoring Reports.** Monitoring results shall be reported at the intervals specified in this Permit.
- (d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (e) **Twenty-four hour reporting.** The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:
 - (i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or
 - (ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between Underground Sources of Drinking Water.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- (f) **Oil Spill and Chemical Release Reporting:** The Permittee shall comply with all reporting requirements related to the occurrence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website
- (g) **Other Noncompliance.** The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in

Paragraph 11(e) of this Section.

- (h) Other information. Where the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director.

Section F. FINANCIAL RESPONSIBILITY

1. *Method of Providing Financial Responsibility.*

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

2. *Insolvency.*

In the event of:

- (a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or
- (b) suspension or revocation of the authority of the trustee institution to act as trustee; or
- (c) the institution issuing the financial mechanism losing its authority to issue such an instrument the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must notify the Director in writing, within 10 business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within 60 days after any event specified in (a), (b), or (c) above. The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within 10 business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

APPENDIX A

WELL CONSTRUCTION REQUIREMENTS

The Pariette Bench No. 4 well has been previously constructed and has been operating as a Rule Authorized well. The injection well was drilled and completed in April, 1963. Construction was subsequently modified in October, 1977, as described below:

SURFACE CASING: 8-5/8 inch casing set at 404 feet in a 12-1/4 inch hole with 250 sacks of cement which was circulated to the surface. Base of USDW at approximately 258 feet.

PRODUCTION CASING: 5-1/2 inch casing set at 5,119 feet in a 7-7/8 inch hole with 150 sacks of cement. Top of cement at 3,350 feet. Total depth is 5,150 feet. Plug back total depth at 5,046 feet.

TUBING: 2-7/8 inch tubing set at 3,847 feet. Packer at 3,838 feet.

Well initially placed on production April 1963 through perforations 3,916 to 3,938 feet, 4,474 to 4,475 feet, 4,851 to 4,864 feet and 4,916 to 4,920 feet.

WELL REWORK in October, 1977: Cement squeeze perforations 4,474 feet to 4,475 feet with 75 sacks. Cement squeeze perforations 4,851 feet to 4,864 feet and 4,916 feet to 4,920 feet with 200 sacks of cement.

CASING LEAK REPAIRED in December, 1995: Squeeze hole in casing with 200 sacks cement. Cement extends from 730 feet to 2,210 feet.

CASING LEAK REPAIRED in June, 2012: Hole in casing between 3,313 feet to 3,329 feet. Three squeeze attempts with total 391 sacks of cement. Cement extends from 2,061 feet to 3,355 feet. Bridge plug set at 4,230 feet.

As of November, 2015, injection is occurring into perforations from 3,916 to 3,938 feet.

Spud Date: 3/3/63
 Completed: 4/11/63
 GL: 4758' KB: 4769'

Pariette Bench 4 (SWD)

4-7-9-19

SURFACE CASING

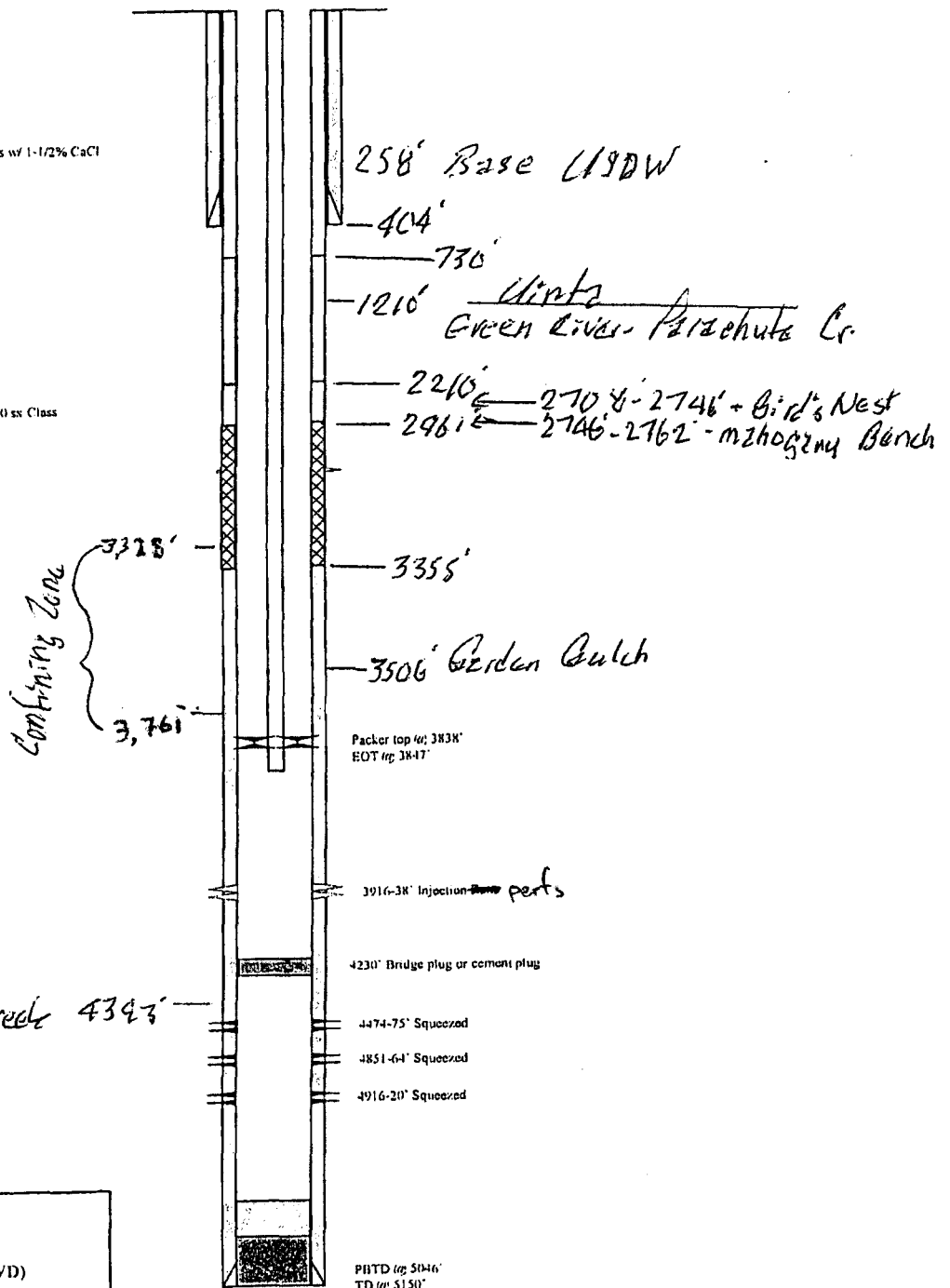
CSG SIZE: 8-5/8"
 GRADE: 11-40
 WEIGHT: 24#
 DEPTH LANDED: 404' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: Cement to surface w/ 250 sxs w/ 1-1/2% CaCl

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 5119' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 150 sxs 50/50 POZ.
 (10/77 Squeezed perforations and annulus w/ 200 ss Class "G")
 CEMENT TOP @ 3350 per CBI, 10/29/77

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 TUBING SUB: 1 jt 2-7/8" (2.0)
 NO. OF JOINTS: 121 jts (3816.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 3829.9' KB
 RETRIEVING HEAD: (1.5') AT: 3831.0'
 PACKER: 3838.5'
 NO 1 jt / 2-3/8" (0.5)
 TUBING PUP: 2-3/8" / J-55 @ 3840'
 XN NIPPLE: (1.1')
 TOTAL STRING LENGTH: EOT @ 3847'



Pariette Bench 4-7-9-19 (SWD)
 660' FSL & 1960' FEL
 SWSE Section 7-T9S-R19E
 Uintah Co, Utah

API# 43-047-15681 Lease #UTU-017992

A-2

APPENDIX B
LOGGING AND TESTING REQUIREMENTS

NO LOGGING REQUIREMENTS

Testing Requirements

Tests will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

WELL NAME: Pariette Bench No. 4 SWD

TYPE OF TEST

Standard Annulus Pressure

DATE DUE

Due by November 14, 2017

APPENDIX C

OPERATING REQUIREMENTS

MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure listed below.

WELL NAME	MAIP (surface)
Pariette Bench 4 SWD	1,620 psig

INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

FORMATION NAME	APPROVED INJECTION INTERVAL (GL, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
Green River Formation	3,757	5,150	0.854

ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

MAXIMUM INJECTION VOLUME:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

APPENDIX D

MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE WEEKLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS

OBSERVE AND RECORD	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)
ANALYZE ANNUALLY	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH
REPORT ANNUALLY	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and minimum annulus pressure(s) (psig)
	Each month's injected volume (bbl)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

In addition to these items, additional Logging and Testing results may be required periodically. For a list of those items and their due dates, please refer to APPENDIX B - LOGGING AND TESTING REQUIREMENTS.

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

ISOLATE THE INJECTION ZONE: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with pugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing no more than 50 feet above the top perforations with a minimum 20-foot cement plug on the top of the CIBP.

ISOLATE TRONA-BIRD'S NEST AND MAHOGANY OIL SHALE: Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Trona-Bird's Nest and Mahogany Oil Shale from at least 50 feet above the top of the Trona-Bird's Nest to at least 50 feet below the base of the Mahogany Oil Shale. Set a minimum cement plug in the innermost casing across the same interval.

ISOLATE THE UINTA FORMATION FROM THE GREEN RIVER FORMATION: Set a minimum 100-foot cement plug in the innermost casing string centered on the contact between the Green River Formation and the Uinta Formation at 1,210 feet.

ISOLATE SURFACE FLUID MIGRATION PATHS: Set a cement plug inside the innermost casing string from 450 feet to the surface.

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action required.

**STATEMENT OF BASIS FOR
FINAL EPA PERMIT UT20676-02569**

NEWFIELD PRODUCTION COMPANY

**PARIETTE BENCH No. 4 SWD
API No. 43-047-15681
UINTA COUNTY, UT**

CONTACT: Jason Deardorff
U. S. Environmental Protection Agency
Underground Injection Control Unit, 8P-W-UIC
1595 Wynkoop Street
Denver, Colorado 80202-1129
Telephone: 1-800-227-8917 ext. 312-6174

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water. Under 40 CFR 144.35 Issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor authorize injury to persons or property of invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which the content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the operation of an "existing" injection well or wells governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

PART I. General Information and Description of Facility

The Pariette Bench No. 4 was completed as a Green River Formation oil well on March 29, 1963, and converted to a Class II "rule authorized" Garden Gulch Member salt water disposal well on November 2, 1977. In 2015, the EPA required Newfield Production to submit information for permitting as a non-commercial Class II salt water disposal well. The facility is described as follows:

**Pariette Bench No. 4 SWD
API No. 43-047-15681
600' FSL and 1,960' FEL, SWSE S7, T9S, R19E
Uinta County, UT**

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT. The application, including the required information and data necessary to issue or modify a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed and determined by EPA to be complete.

An "existing" well is an injection well which began injection operation prior to the November 25, 1988 effective date for the UIC Program on all Indian lands in Utah.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

TABLE 1.1
WELL STATUS / DATE OF OPERATION

EXISTING WELLS		
Well Name	Well Status	Date of Operation
Pariette Bench No. 4 SWD	Existing	3/29/1963

PART II. Permit Considerations (40 CFR 146.24)

Hydrogeologic Setting

The Uinta-Animas aquifer in the Uinta Basin is present in water-yielding beds of sandstone, conglomerate, and siltstone of the Duchesne River and Uinta Formations, the Douglas Creek Member of the Green River Formation and the Renegade Tongue Member of the Wasatch Formation. Portions of these aquifers also meet the definition of Underground Sources of Drinking Water (USDW) as discussed below. The Douglas Creek and Renegade Tongue Members of the Green River and Wasatch Formations, respectively, contain an aquifer along the southern and eastern margins of the basin where the rocks primarily consist of fluvial, massive, irregularly bedded sandstone and siltstone. Water yielding units in the Uinta-Animas aquifer in the Uinta Basin are commonly separated from each other, and from the underlying Mesaverde aquifer by low permeability units composed of claystone, shale, marlstone and limestone.

The aquifer in the Duchesne River and Uinta Formations ranges in thickness from 0 at the southern margin to 9,000 feet in the north-central part of the basin. Groundwater recharge to the Uinta-Animas generally occurs in the areas of higher altitude along the southern margins of the basin and discharge occurs near the White and Green Rivers. Groundwater is discharged primarily to streams, springs and by transpiration of vegetation growing along stream valleys. The rate of groundwater withdrawal in the basin is small and natural recharge is approximately equal to discharge (USGS publication HA 730-C).

Geologic Setting (TABLE 2.1)

The Uinta Basin is a topographic and structural trough encompassing an area of more than 9,300 square miles in northeastern Utah. The Uinta Basin is sharply asymmetrical with a steep north flank bounded by the east-west trending Uinta Mountains and a gently dipping south flank that extends to the Book Cliffs. Rocks in the Uinta Basin were deposited in Paleocene and Eocene time by a large internal drainage area which was filled by the ancestral Lake Uinta. The lacustrine sediments of Lake Uinta make up the Uintah and Green River Formations. The southern shore of Lake Uinta was very flat, resulting large cyclic shifts of the location of the shoreline during many transgressive and regressive cycles caused by the climatic and tectonic induced rise and fall of water levels in the lake. Figure 4 is a map of the regional structure as exhibited by the Lower Green River Formation's depth in relation to mean sea level. Figure 5 is a generalized cross section from north to south.

The Green River injection formation is mostly interbedded lacustrine shale, sandstone, and carbonate with some fluvial sand deposits. The Green River is transitional to both the overlying Uinta Formation and the underlying Wasatch Formation. The Green River Formation is characterized as having low permeability, except where fractured. In most of the basin this formation is also characterized by water with total dissolved solids(TDS) greater than 10,000 ppm, except in areas of major enhanced recovery

injection where injectate less than 10,000 ppm TDS has "freshened" the sand.

**TABLE 2.1
GEOLOGIC SETTING**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta	0	1,210		Sand, shale, carbonates
Green River - Parachute Mem.	1,210	2,708	> 10,000	Sand, shale, carbonates
Green River - Bird's Nest Mem.	2,708	2,746		Shale
Green River - Mahogany Bench Mem.	2,746	2,762		Shale
Green River - Garden Gulch Mem.	3,506	4,393		Sand, shale, carbonates
Green River - Douglas Creek Mem.	4,393	5,150	> 10,000	Sand, shale, carbonates

Proposed Injection Zone(s) (TABLE 2.2)

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by a confining zone which is free of known open faults or fractures within the Area of Review. The Injection Zone consists of the lower part of the Garden Gulch #2 sand and includes the Douglas Creek and Basal Carbonate Members. The only active perforations are from 3,916 feet to 3,938 feet and Newfield has installed a bridge plug at 4,230 feet. Therefore, the EPA does not expect fluids to migrate into the lower Green River Formation even though this part of the formation is included in the Injection Zone.

The permittee is injecting company produced Garden Gulch and Douglas Creek Members water from 149 oil wells. Newfield reports average daily disposal volume as 245 barrels. The single perforation set in the Garden Gulch Member is 3,916 feet to 3,938 feet.

**TABLE 2.2
INJECTION ZONES**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)
Green River	3,757	5,150	> 10,000	0.854

Confining Zone(s) (TABLE 2.3)

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3. The designated Confining Zone consists of interbedded thick shales, marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the top of the Garden Gulch Marker to the top of the Garden Gulch No. 2 sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,327 feet and 3,557 feet in the Federal 1-26-8-17 type Gamma Log for the Monument Butte Field.

**TABLE 2.3
CONFINING ZONE**

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	Sand and shale	3,328	3,761

Underground Sources of Drinking Water (USDWs) (TABLE 2.4)

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

The State of Utah "Water Wells and Springs" cites no public water supply facilities within one-quarter (1/4) mile of Pariette Bench No. 4 SWD.

Water analysis (November 11, 2013) of the Pariette Bench 4 SWD injection interval cites total dissolved solids (TDS) as 27,056 mg/l. The base of the USDW (258 feet) is behind surface pipe that has been cemented to the surface.

**TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)**

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uintah	Sand, shale, carbonates	0	258	< 10,000

PART III. Well Construction (40 CFR 146.22)

The Pariette Bench No. 4 well has been previously constructed and has been operating as a Rule Authorized well. The injection well was drilled and completed in April 1963. Construction was subsequently modified in October 1977, as described below:

SURFACE CASING: 8-5/8 inch casing set at 404 feet in a 12-1/4 inch hole with 250 sacks of cement which was circulated to the surface. Base of USDW at approximately 258 feet.

PRODUCTION CASING: 5-1/2 inch casing set at 5,119 feet in a 7-7/8 inch hole with 150 sacks of cement. Top of cement at 3,350 feet. Total depth is 5,150 feet. Plug back total depth at 5,046 feet.

TUBING: 2-7/8 inch tubing set at 3,847 feet. Packer at 3,838 feet.

Well initially placed on production April 1963 through perforations 3,916 to 3,938 feet, 4,474 to 4,475 feet, 4,851 to 4,864 feet and 4,916 to 4,920 feet.

WELL REWORK in October 1977: Cement squeeze perforations 4,474 feet to 4,475 feet with 75 sacks. Cement squeeze perforations 4,851 feet to 4,864 feet and 4,916 feet to 4,920 feet with 200 sacks of cement.

CASING LEAK REPAIRED in December 1995: Squeeze hole in casing with 200 sacks cement. Cement extends from 730 feet to 2,210 feet.

CASING LEAK REPAIRED in June 2012: Hole in casing between 3,313 feet to 3,329 feet. Three squeeze attempts with total 391 sacks of cement. Cement extends from 2,061 feet to 3,355 feet. Bridge plug set at 4,230 feet.

As of November 2015, injection is occurring into perforations from 3,916 to 3,938 feet.

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

Casing and Cementing (TABLE 3.1)

The construction of this "existing" injection well was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction details for "existing" injection well or wells are shown in TABLE 3.1. EPA analysis of the Pariette Bench 4 SWD Percentage Cement Bond Log (CBL) identified 80% bond index cement as 3,350 feet which occurs within the Confining Zone (3,327 feet - 3,757 feet), thus demonstrating Part II mechanical integrity for the Bench No. 4.

**TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS**

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Surface	12.25	8.63	0 - 404	0 - 404
Longstring	7.88	5.50	0 - 5,150	3,350 - 5,150

Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director. The tubing/casing annulus will be kept closed at all times so that it can be monitored as required under conditions of the Permit.

Monitoring Devices

The Permittee will be required to install and maintain wellhead equipment that allows for monitoring pressures and providing access for sampling the injected fluid. Required equipment may include but is not limited to: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) fittings or pressure gauges attached to the injection tubing and the TCA for monitoring the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)

There are no wells within the EPA's Area of Review. Under 40 CFR 144.55, "existing" wells are exempt from corrective action requirements.

PART V. Well Operation Requirements (40 CFR 146.23)

TABLE 5.1
INJECTION ZONE PRESSURES

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
Green River	3,916	0.854	1,620

Approved Injection Fluid

The approved injection fluid is limited to Class II injection well fluids pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Injection of non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes, and vacuum truck and drum rinsate from trucks and drums transporting or containing non-exempt waste, is prohibited.

Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit.

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d, \text{ where}$$

FP = formation fracture pressure (measured at surface)

fg = fracture gradient (from submitted data or tests)

sg = specific gravity (of injected fluid)

d = depth to top of injection zone (or top perforation)

Injection Volume Limitation

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

Mechanical Integrity (40 CFR 146.8)

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity and requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependent upon well-specific conditions as explained below.

Part I internal mechanical integrity has been demonstrated several times per five (5) year requirements. The next Part I MIT is due November 14, 2017.

PART VI. Monitoring, Recordkeeping and Reporting Requirements**Injection Well Monitoring Program**

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, annulus pressure, monthly injection flow rate and cumulative fluid volume. This information is required to be reported annually as part of the Annual Report to the Director.

PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)**Plugging and Abandonment Plan**

Prior to abandonment, the well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with any applicable Federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The plugging and abandonment plan is described in Appendix E of the Permit.

PART VIII. Financial Responsibility (40 CFR 144.52)**Demonstration of Financial Responsibility**

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show

evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with a Surety Bond approved by the EPA in 2014.

Evidence of continuing financial responsibility is required to be submitted to the Director annually.

PART IV. Federal Law Compliance (40 CFR 144.4)

The EPA has determined this action to be in compliance with all applicable Federal laws including the Endangered Species Act and National Historic Preservation Act. Because the Pariette Bench No. 4 well has been previously constructed and because no ground disturbance or construction activity is authorized or necessary for injection to continue, the EPA has determined that this action would have no effect on any species of concern and no potential to cause effects on any properties of historic significance.

Spud Date: 3/3/63

Completed: 4/11/63

GL: 4758' KB: 4769'

Pariette Bench 4-7-9-19 (SWD)

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: H-40

WEIGHT: 24#

DEPTH LANDED: 404' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: Cement to surface w/ 250 sxs w/ 1-1/2% CaCl

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

DEPTH LANDED: 5119' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 150 sxs 50/50 POZ.

(10/77 Squeezed perforations and annulus w/ 200 sxs Class "G")

CEMENT TOP @ 3350 per CBL 10/29/77

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TUBING SUB: 1 jt 2-7/8" (2.0)

NO. OF JOINTS: 121 jts (3816.9')

SEATING NIPPLE: 2-7/8" (1.1')

SN LANDED AT: 3829.9' KB

RETRIEVING HEAD: (1.5') AT: 3831.0'

PACKER: 3838.5'

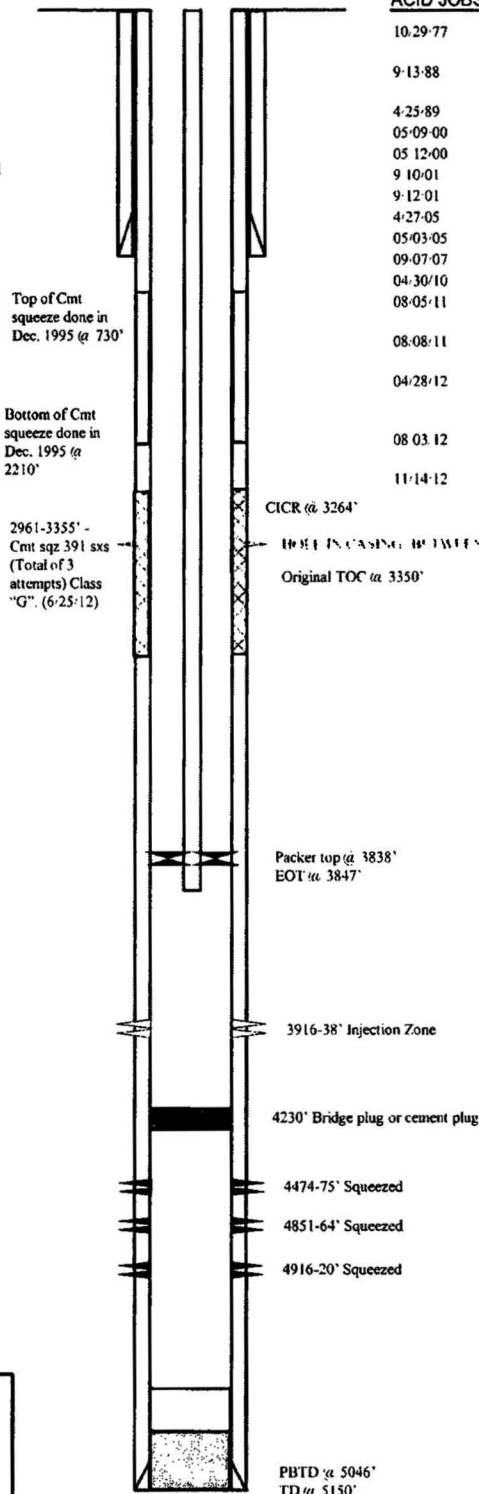
XO 1 jt / 2-3/8" (0.5)

TUBING PUP: 2-3/8" / J-55 @ 3840'

XN NIPPLE: (1.1')

TOTAL STRING LENGTH: EOT @ 3847'

Injection Wellbore Diagram



ACID JOBS

10/29/77	Acidize w/ 3800 gal 7.5% HCl, ISIP 1300#.
9/13/88	Acidize w/ 500 gal 15% HCl, ATP 1700#, ISIP 1410#.
4/25/89	Acidize w/ 500 gal 15% HCl.
05/09/00	Packer Leak
05/12/00	MIT Completed
9/10/01	Tubing leak. Prep for MIT.
9/12/01	Workover MIT Completed
4/27/05	Wellhead Leak
05/03/05	MIT Completed
09/07/07	Plugged Tbg
04/30/10	5 YR MIT Completed
08/05/11	Major WorkOver - Hole in Csg - Cmt Squeeze w/ 200 sxs Class "G" Cmt.
08/08/11	Workover MIT Completed - WBD updated
04/28/12	Workover - Hole in Tubing / Well Integrity Testing. MIT Finalized - update tbg detail
08/03/12	Workover - casing leak - MIT Finalized - update tbg detail
11/14/12	Workover - casing leak - MIT Finalized - update tbg detail

PERFORATION RECORD

3916'-3938'	2 SPF	Injection Zone
4474'-4475'	4 SPF	Squeezed
4851'-4864'	4 SPF	Squeezed
4916'-4920'	4 SPF	Squeezed
Squeezed 4474'-4475' w/ 75 sxs w/ 3/4% haled - B added (approx. 10/77)		
Squeezed 4851'-4864' and 4916'-4920' w/ 200 sxs Class "G" (approx. 10/77)		

NEWFIELD

Pariette Bench 4-7-9-19 (SWD)

660' FSL & 1960' FEL

SWSE Section 7-T9S-R19E

Uintah Co, Utah

API# 43-047-15681 Lease #UTU-017992



September 14, 2001

Mr. Al Craver
Environmental Protection Agency
Region VIII
999 18th Street Suite 500
Denver, Colorado 80202-2466

RE: Workover
Pariette Bench #4-7-9-19
EPA Permit #UTU02569-2676

43 047 15681
7 95 19E

Dear Mr. Craver:

The subject well developed a leak in the tubing. A rig was moved on and the tubing was repaired. An MIT was conducted on 09/12/01. The casing was pressured to 1150 psi w/no pressure loss charted in the 1/2 hour test. Mr. Dave Hackford was there to witness the test. Please find enclosed a copy of the chart and tabular sheet.

Sincerely,

Krisha Russell
Production Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0125
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injection Well

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660 FSL 1980 FEL SW/SE Section 7, T09S R19E

5. Lease Designation and Serial No

U-017992

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

PARIETTE BENCH

8. Well Name and No

PARIETTE BENCH #4

9. API Well No.

43-047-15681

10. Field and Pool, or Exploratory Area

PARIETTE BENCH

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Tubing Leak

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well developed a leak in the tubing, subsequently the leak was repaired. On 9/10/01 Mr. Al Craver w/ EPA and Mr. Dave Hackford w/ State DOGM was contacted and gave permission to conduct a MIT on the casing. On 09/12/01 the casing was pressured to 1150 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dave Hackford was there to witness the test. The well is shut in and waiting on approval to inject.

14. I hereby certify that the foregoing is true and correct

Signed

Krishna Russell
Krishna Russell

Title

Production Clerk

Date

9/14/01

CC. UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir Use "APPLICATION FOR PERMIT-" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-017992	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Well		7. UNIT AGREEMENT NAME PARIETTE BENCH	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME PARIETTE BENCH #4	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. PARIETTE BENCH #4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW/SE Section 7, T09S R19E 660 FSL 1980 FEL		10. FIELD AND POOL OR WILDCAT PARIETTE BENCH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SE Section 7, T09S R19E	
14. API NUMBER 43-047-15681	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4758 GL	12. COUNTY OR PARISH UINTAH	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF	
STOP WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Tubing Leak	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well developed a leak in the tubing, subsequently the leak was repaired. On 9/10/01 Mr. Al Craver w/ EPA and Mr. Dave Hackford w/ State DOGM was contacted and gave permission to conduct a MIT on the casing. On 09/12/01 the casing was pressured to 1150 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dave Hackford was there to witness the test. The well is shut in and waiting on approval to inject.

18 I hereby certify that the foregoing is true and correct

SIGNED

Krishna Russell
Krishna Russell

TITLE

Production Clerk

DATE

9/14/01

CC: BLM

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: David M. Mesher Date: 9/12/01
Test conducted by: Jacky McChesney
Others present: Brent Cook COCKY MARK

Well Name: Pavette Bench #4 Type: ER (SWD) Status: (AC) TA UC
Field: Pavette Bench Unit EPA# UT002569-2616
Location: _____ Sec: 7 T 9 N 1 S R 12 E 1 W County: Montana State: MT
Operator: Enbridge
Last MIT: 5/15/2000 Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No

Initial test for permit? ☐ Yes ☒ No

Test after well rework? ☒ Yes ☐ No

Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>750</u> psig	psig	psig
End of test pressure	<u>750</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1150</u> psig	psig	psig
5 minutes	<u>1150</u> psig	psig	psig
10 minutes	<u>1150</u> psig	psig	psig
15 minutes	<u>1150</u> psig	psig	psig
20 minutes	<u>1150</u> psig	psig	psig
25 minutes	<u>1150</u> psig	psig	psig
30 minutes	<u>1150</u> psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

David M. Burkhead (DOGM)

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____

Date: _____

Do you agree with the reported test results?

☐ YES

☐ NO

If not, why? _____

Possible violation identified?

☐ YES

☐ NO

If YES, what _____

If YES - followup initiated?

☐ YES

☐ NO - why not? _____

☐ Data Entry

☐ Compliance Staff

☐ 2nd Data Entry

☐ Hardcopy Filing



DAILY WORKOVER REPORT

WELL NAME: Pariette Bench #4-9-19 SWD

Report Date: 9/12/01

Day: 04

Operation: Tubing Leak

Rig: MD #3

WELL STATUS

Surf Csg: 8-5/8 @ 404' 5 1/2 @ 5119' WT: 15.5&14 Csg PBTD: 5046'
Tbg: Size: 2 7/8" Wt: 6.5 Grd: J-55 Pkr/EOT @: 3832' BP/Sand PBTD: 4230'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
<u>Y-3</u>	<u>3916-3938'</u>	<u>2/44</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10-Sep-01

SITP: 0 SICP: 0

On 9/10/01 Al Craver w/EPA and Dave Hackford w/ State of Utah DOGM was notified of intent to perform MIT on 9/12/01 @ 10:00 am. On 9/12/01 the csg was pressured to 1150 psi and maintained with no pressure loss for 30 minutes. Dave Hackford w/DOGM was there to witness MIT. A tbg leak was repaired. Waiting on approval to inject.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 135 Starting oil rec to date: _____
Fluid lost/recovered today: 110 Oil lost/recovered today: _____
Ending fluid to be recovered: 245 Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

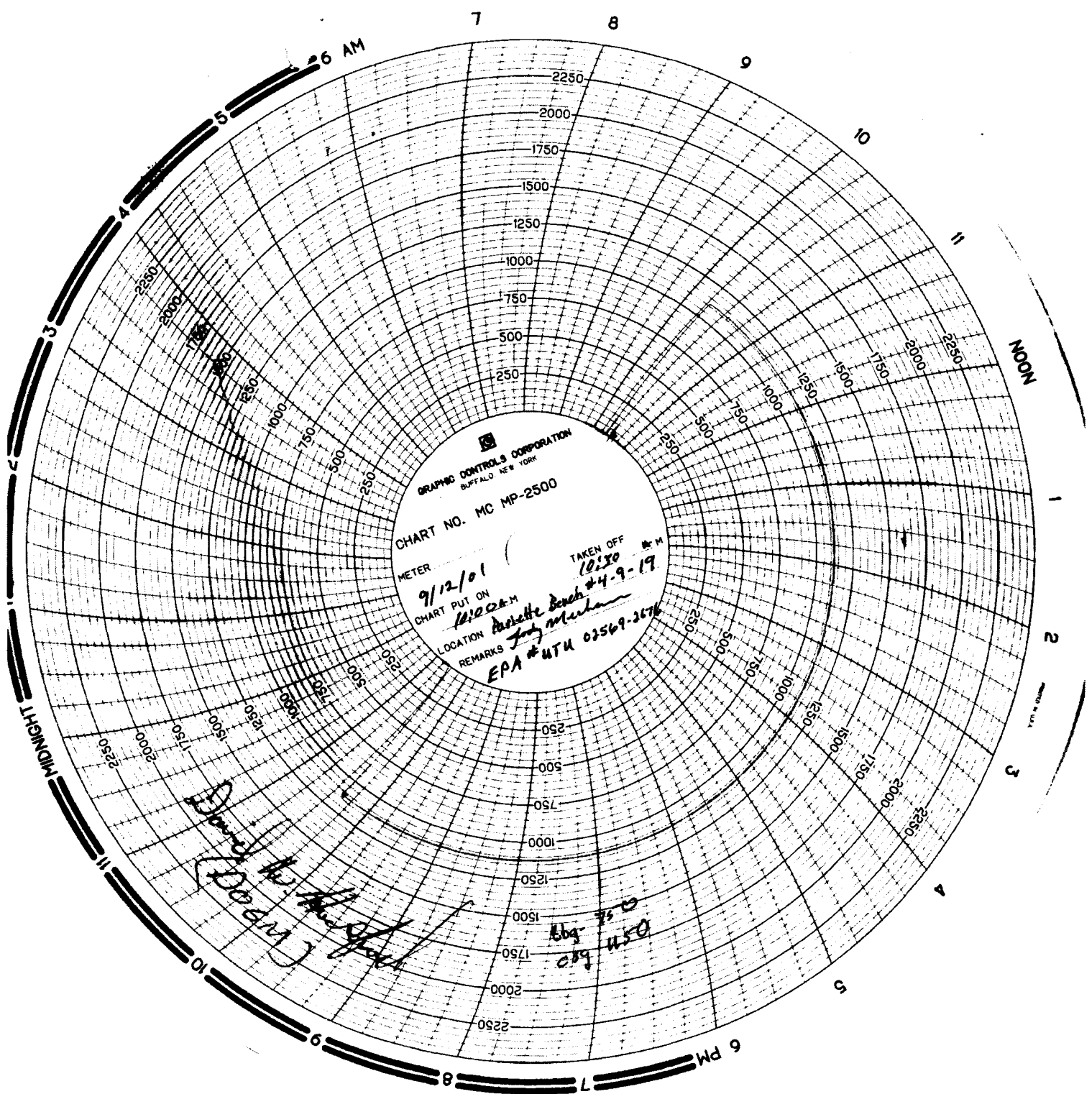
COSTS

<u>KB 11'</u>		
<u>124 2 7/8" J-55 tbg (3813.33')</u>		
<u>1 2 7/8" ball test sub (.45')</u>		
<u>1 5 1/2" AS1 Weath packer</u>		
<u>CE @ 3828.08'</u>		
<u>EOT @ 3832.08'</u>	<u>casing collars</u>	<u>3893'</u>
		<u>3847'</u>
		<u>3804'</u>

DAILY COST: _____

Workover Supervisor: Brent Cook

TOTAL WELL COST: _____



GRAPHIC CONTROLS CORPORATION
BUFFALO NEW YORK

CHART NO. MC MP-2500

METER 9/12/01

TAKEN OFF 10:30

CHART PUT ON 10:00 AM

LOCATION Asiatic Beach #4-9-19

REMARKS July 1949

EPA # UTU 03569-2676

David W. Dean

*Aug 7:00
Avg 45.0*

NEWFIELD



May 9, 2005

Mr. Nathan Wiser
Environmental Protection Agency
Region VII
999 18th Street-Suite 300
Denver, Colorado 80202-2466

RE: 5 Year MIT
Pariette Bench 4-7-9-19
EPA #: UT 20676-02569

Dear Mr. Wiser:

A 5-year MIT was conducted on the subject well. Attached are the sundry, tabular sheet and a copy of the chart. If you have any questions please give me a call at 435 646-4805.

Sincerely,

Kathy Chapman
Office Manager

*Nathan Wiser called. told me sundry sheet
do not match original sundry to say well was not
sighted during the*

NEWFIELD



May 9, 2005

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: 5 Year MIT
Pairette Bench 4-7-9-19
Sec. 7, T9,R19
API #43-047-15681

Dear Mr. Brad Hill:

A 5-year MIT was conducted on the subject well. Attached are the sundry, tabular sheet and a copy of the chart. If you have any questions please give me a call at 435 646-4805.

Sincerely,

A handwritten signature in cursive script that reads "Kathy Chapman".

Kathy Chapman
Office Manager

NEWFIELD



DAILY WORKOVER REPORT

WELL NAME: Pariette Bench #4-7-9-19 Report Date: 5-7-05 Day: 01
 Operation: 5 Year MIT Rig: NA

WELL STATUS

Surf Csg: _____ @ _____ Prod Csg: _____ @ _____ WT: _____ Csg PBTD: _____
 Tbg: _____ Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 03-May-05 SITP: 800 SICP: 1150

On 3/24/05 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well (Pariette Bench #4-7-9-19). Permission was given at that time to perform the test on 5/03/05. On 5/03/05 the csg was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. **The well was not injecting during the test.** The tbg pressure was 1050 psig during the test. There was not an EPA representative available to witness the test.
 EPA# UT 20676-02569 API# 43-047-15681

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: _____
 Fluid lost/recovered today: _____ Oil lost/recovered today: _____
 Ending fluid to be recovered: _____ Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

_____	_____	NPC Supervision	\$300
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

DAILY COST: \$300

Workover Supervisor: John Hyder

TOTAL WELL COST: \$300

NEWFIELD



DAILY WORKOVER REPORT

WELL NAME: Pariette Bench #4-7-9-19

Report Date: 5-7-05

Day: 01

Operation: 5 Year MIT

Rig: NA

WELL STATUS

Surf Csg: _____ @ _____ Prod Csg: _____ @ _____ WT: _____ Csg PBTD: _____
Tbg: _____ Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 03-May-05

SITP: 800 SICP: 1150

On 3/24/05 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well (Pariette Bench #4-7-9-19). Permission was given at that time to perform the test on 5/03/05. On 5/03/05 the csg was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. **The well was injecting during the test.** The tbg pressure was 1050 psig during the test. There was not an EPA representative available to witness the test.
EPA# UT 20676-02569 API# 43-047-15681

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: _____
Fluid lost/recovered today: _____ Oil lost/recovered today: _____
Ending fluid to be recovered: _____ Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

COSTS

_____	_____	NPC Supervision	\$300
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Workover Supervisor: John Hyder

DAILY COST: \$300
TOTAL WELL COST: \$300

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU017992

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
EAST PARIETTE UNIT

8. WELL NAME and NUMBER:
PARIETTE BENCH UNIT 4

9. API NUMBER:
4304715681

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐ Disposal Well

2. NAME OF OPERATOR:
Newfield Production Company

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 0660 FSL 1980 FEL

COUNTY: Uintah

OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/SE, 7, T9S, R19E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/03/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT EPA
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

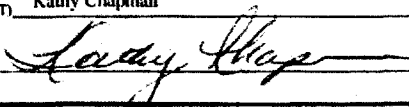
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 3-24-05 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at the time to perform the test on 5-3-05. On 5-3-05 the csg was pressured up to 1300 psi and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressuer was 1050 psig during the test. There was not and EPA representative available to witness the test. EPA# UT 20676-02569 API# 43-047-15681

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 05/10/2005

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Disposal Well

2. Name of Operator

Newfield Production Company

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

0660 FSL 1980 FEL

SW/SE Section 7 T9S R19E

5. Lease Serial No.

UTU017992

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

EAST PARIETTE UNIT

8. Well Name and No.

PARIETTE BENCH UNIT 4

9. API Well No.

4304715681

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	5 Year MIT EPA
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 3-24-05 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at the time to perform the test on 5-3-05. On 5-3-05 the csg was pressured up to 1300 psi and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressuer was 1050 psig during the test. There was not and EPA representative available to witness the test. EPA# UT 20676-02569 API# 43-047-15681

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Kathy Chapman

Title

Office Manager

Signature

Date

05/10/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5 / 3 / 2005
Test conducted by: J.D. Horrocks
Others present: _____

Well Name: <u>Pariette #4-9-19</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Pariette Bench unit</u>		
Location: <u>SW/SE</u> Sec: <u>7</u> T <u>9</u> N <u>10</u> R <u>190</u> W County: <u>Uintah</u> State: <u>ut.</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1900</u> PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

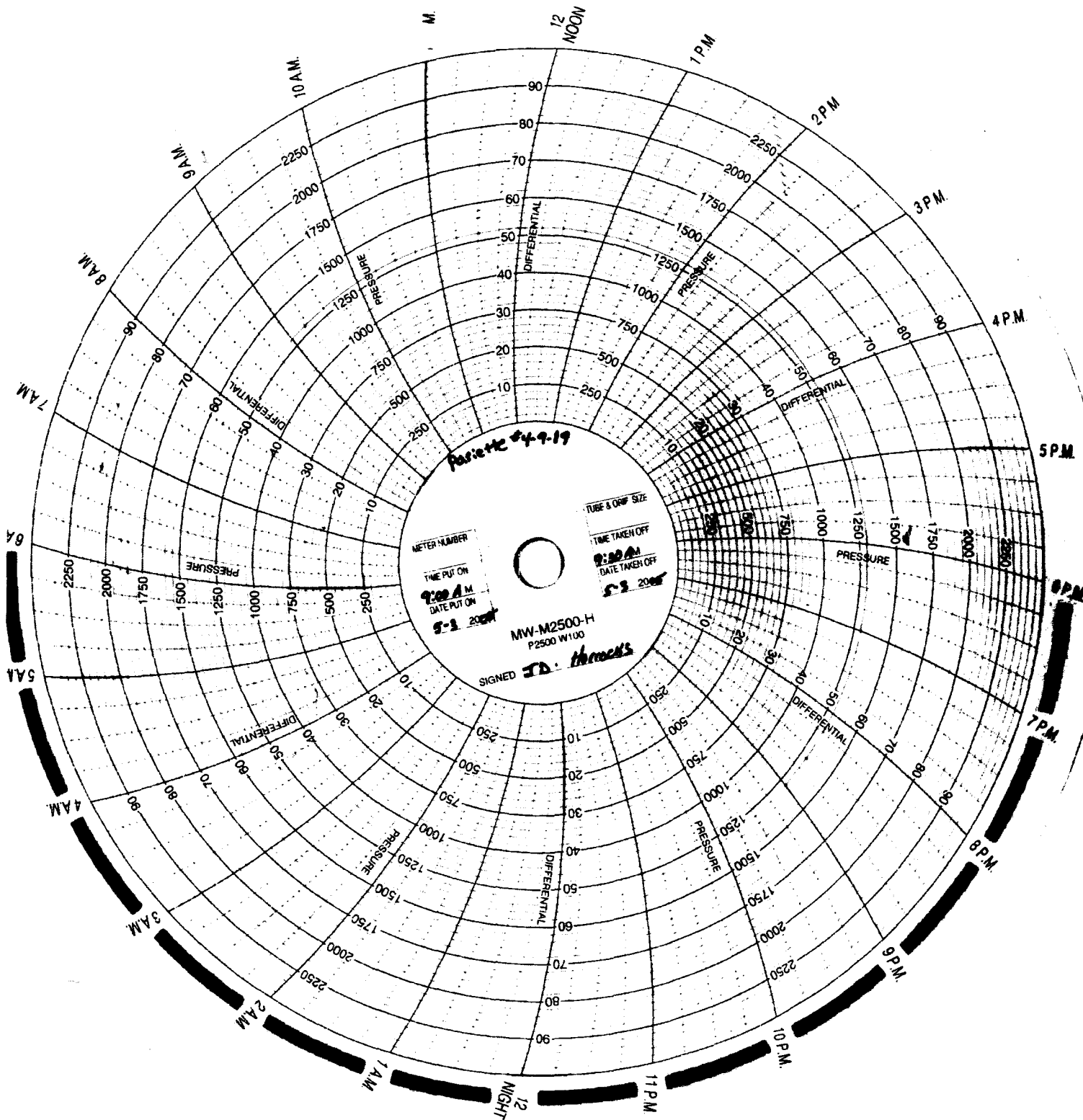
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1050</u> psig	psig	psig
End of test pressure	<u>1050</u> psig	psig	psig
CASING / TUBING	ANNULUS	PRESSURE	
0 minutes	<u>1300</u> psig	psig	psig
5 minutes	<u>1300</u> psig	psig	psig
10 minutes	<u>1300</u> psig	psig	psig
15 minutes	<u>1300</u> psig	psig	psig
20 minutes	<u>1300</u> psig	psig	psig
25 minutes	<u>1300</u> psig	psig	psig
30 minutes	<u>1300</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

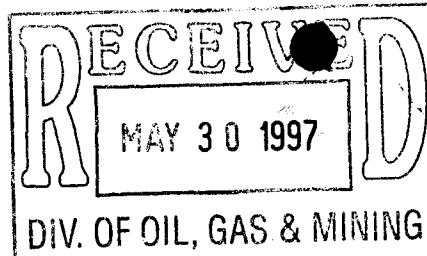
Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____





43-047-15681

Telephone (801) 789-4327

Water Analysis Report

Customer : EREC - Western Oil Company

Address : 1601 Lewis Avenue

City : Billings

State : MT Postal Code : 59104-

Attention : John Zellitti

cc1 : Dan Farnsworth

cc2 : Joe Ivey

cc3 :

PARIETTE BENCH

Field : ~~Monument Butte~~ Field

Lease : Pariette Bench

Location : Well No. 4 SWD

Sample Point : wellhead

Date Sampled : 24-Jan-97

Date Received : 12-Feb-97

Date Reported: 12-Feb-97

Salesman : Lee Gardiner

Analyst : Karen Hawkins Allen

CATIONS			ANIONS		
Calcium :	1,208	mg/l	Chloride:	44,400	mg/l
Magnesium :	345	mg/l	Carbonate:	0	mg/l
Barium :	0	mg/l	Bicarbonate:	195	mg/l
Strontium :	0	mg/l	Sulfate:	3,088	mg/l
Iron :	3.0	mg/l			
Sodium :	28307	mg/l			
pH (field) :	7.36		Specific Gravity :	1.065	grams/ml
Temperature :	85	degrees F	Total Dissolved Solids :	77,546	ppm
Ionic Strength :	1.32		CO2 in Water :	53	mg/l
			CO2 in Gas :	0.03	mole %
Resistivity :		ohm/meters	H2S in Water :	0.0	mg/l
Ammonia :		ppm	O2 in Water :	0.000	ppm
Comments :					

SI calculations based on Tomson-Oddo

Calcite (CaCO3) SI :	-1.29	Calcite PTB :	N/A
Gypsum (CaSO4) SI :	-0.43	Gypsum PTB :	N/A
Barite (BaSO4) SI :	N/A	Barite PTB :	N/A
Celestite (SrSO4) SI :	N/A	Celestite PTB :	N/A